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UBON RTAFB, UBON RATCHATHANI, THAILAND. REVISED UNIFORM SUMMARY--ETC
MAR 71

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USAFETAC/DS-81/021

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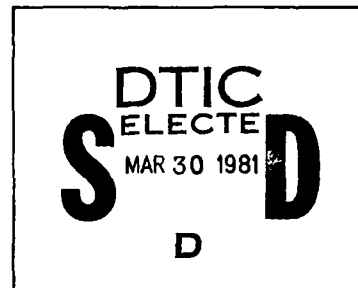
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for UBON RTAFB, UBON RATCHATHANI, THAILAND. It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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USAF ETAC

DS-81/021

AD-E850028

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DATA PROCESSING DIVISION
USAF ETAC
Air Weather Service (MAC)

UNIFIED SUMMARY OF
SURFACE WEATHER OBSERVATIONS

UDON RATCHATHANI THAI/UDON RTAFB WDA# 41017
N 15 15 E 104 52 ELEV 415 FT. VTUU WMO# 48407

PARTS A-F
POR FROM HOURLY OBS DEC 65-FEB 70
POR FROM DAILY OBS DEC 65-FEB 70

MAR 02 1971

FEDERAL BUILDING
ASHEVILLE, N. C.

REC'D MAR 08 1971

CL 10505

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This technical report has been reviewed and is approved for publication.

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AWS Scientific and Technical
Information Officer (STINFO)

DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE:	LONGITUDE:	STATION ELEV. (FT)	CALL SIGN:	WMO NUMBER:
41017	UBON RATCHATHANI THAI/UBON RTAFB	N 15 15	E 104 52	415	VTUU	48407

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAT
			FROM	TO			STATION (FT)	BAROMETER	
1	Ubon AB, Thailand	RTAFB	Dec 65	Jun 66	N 15 14	E 104 54	420	425 Ft	24
2	No Change	No Chge	Jul 66	Aug 66	No Change	No Change	415	No Chge	24
3	No Change	No Chge	Sep 66	Oct 66	No Change	No Change	No Change	410 Ft	24
4	No Change	No Chge	Nov 66	Feb 67	No Change	E 104 52	No Change	No Chge	24
5	No Change	No Chge	Mar 67	Feb 68	N 15 15	No Change	No Change	No Chge	24
6	No Change	No Chge	Mar 68	Feb 70	No Change	No Change	No Change	428 Ft	24

NUMBER OF LOCATION	DATE OF CHANCE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 65 to Oct 66	Located midway along N side of Rnwy, 500 ft from centerline.	AN/GMQ-1	None	13 Ft	Station activated 01 Dec 65.
2	Nov 66 to Feb 67	Located 2209 ft W of the E end of Rnwy 23/05 and 574 ft N of Rnwy centerline.	No Change	None	No Chge	
3	Mar 67 to Feb 68	Located midway along N side of Rnwy 05/23, 458 ft from centerline; 4890 ft from NE end of Rnwy 05/23.	No Change	None	No Chge	
4	Mar 68 to Feb 69	Located 458 ft from centerline of Rnwy 05, 5050 ft from end.	No Change	None	No Chge	
		(OVER)				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
5	Mar 69 to Feb 70	Located 458 ft from centerline of Rnwy 05, 5234 ft from end of Rnwy 23, 5489 ft from end.	AN/GMQ-1	None	13 Ft	

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2

DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/ IAC

WEATHER CONDITIONS

41017
STATION

U S F KATCHATHAI THAI/USAF RTAFB
STATION NAME

65-70
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		.3				.3	1.7	5.3			5.6	3720
FEB			.4				.4	1.7	26.2		.2	26.6	3383
MAR		.7	1.0				1.0	1.4	30.0			30.6	2976
APR		2.1	3.3				3.3	2.0	11.0		.1	12.3	2880
MAY		2.8	9.7				9.7	1.1	.3		.1	1.4	2976
JUN		2.6	10.1				10.1	.8	.1			.8	2880
JUL		1.9	13.1				13.1	.2				.2	2975
AUG		1.6	13.8				13.8	.7	.2			.9	2974
SEP		1.5	15.4				15.4	.7	.2			.8	2880
OCT		.6	3.1				3.1	.8	.1			.8	2976
NOV		.1	1.2				1.2	.6	.4		.2	1.0	2879
DEC			.2				.2	.5	1.3		.1	1.4	3719
TOTALS		1.2	6.0				6.0	1.0	6.3		.1	6.9	37218

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

STATION 1007 N KATCHATHAI THAI/UBON RTAFB 66-70
STATION NAME YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02		.5				.5		4.9			4.9	465
	03-05		.5				.5		4.5			4.5	465
	06-08		.5				.0	7.5	16.3			13.7	465
	09-11							.5	4.5			4.5	465
	12-14								.6			.6	465
	15-17								.4			.4	465
	18-20								4.9			4.9	465
	21-23		.6				.6		6.5			6.5	465
TOTALS			.3				.3	1.6	5.3			5.6	312

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

41017
STATIONOM N RATCHATHANI THAI/UBON RTAFB
STATION NAME

66-70

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
11	00-02							.5	28.8			29.1	423
	3-05		.2				.2	1.7	30.5		.5	31.4	423
	06-08		1.2				1.2	10.9	44.7			46.3	423
	09-11		1.7				1.7		24.1			24.1	423
	12-14								11.3		.2	11.6	423
	15-17	.2	.2				.2		9.9		.2	10.2	423
	18-20		.2				.2		26.7			28.7	422
	21-23								31.4		.5	31.7	423
TOTALS		.0	.4				.4	1.7	26.2		.2	26.6	3383

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/DAC

WEATHER CONDITIONS

41017 STATION 41017 STATION NAME 66-69 YEARS

YEAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	00-02	.0	1.6				1.6		30.1			30.1	372
	03-05	.5	1.3				1.3	.3	30.4			30.4	372
	06-08	.1	1.9				1.9	9.9	51.9			55.9	372
	09-11		.5				.5	.0	34.4			34.7	372
	12-14	.3	.3				.3		17.7			17.7	372
	15-17	.8	.8				.8		13.4			13.4	372
	18-20	.5	.5				.5	.3	31.7			32.0	372
	21-23	1.0	.0				.8		30.6			30.6	372
TOTALS		.7	1.0				1.0	1.4	30.0			30.6	2976

2

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/ IAC

WEATHER CONDITIONS

41017 STATION NAME N RATCHATHANI THAI/UBON RTAFB 66-67 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1.1	3.3				3.3	.3	6.4			7.2	360
	3-05	.3	1.7				1.9	.6	6.7			7.2	360
	06-08	1.9	2.8				2.8	14.2	25.6			34.2	360
	09-11	.6	1.1				1.1		14.7			14.7	360
	12-14	.8	1.7				1.7		6.9			6.9	360
	15-17	4.4	3.9				1.9		4.4		.6	4.7	360
	18-20	4.7	5.8				5.8	.6	11.1		.3	11.7	360
	21-23	3.1	5.8				5.8		11.9			11.9	360
TOTALS		2.1	3.3				3.3	2.0	11.0		.1	12.3	2880

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

41017
STATIONURON RATCHATHANI THAI/URON RTAFB
STATION NAME

66-69

YEARS

BY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	1.6	12.4				12.4	1.6				1.6	372
	03-05	1.6	11.3				11.3	2.4	.8			3.2	372
	06-08	1.6	8.6				8.6	3.2	.8			3.8	372
	09-11	.3	5.9				5.9	.6				.8	372
	12-14	3.0	6.5				6.5				.3	.3	372
	15-17	5.4	8.1				8.1	.5				.5	372
	18-20	5.9	10.2				10.2	.3			.3	.5	372
	21-23	3.0	14.8				14.8		.5			.5	372
TOTALS		2.8	9.7				9.7	1.1	.3		.1	1.4	2976

2

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/ AC

WEATHER CONDITIONS

41017 STATION 03 N RAICHATHANI THAI/03N RTAFB 66-69
STATION NAME YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.9	14.7				14.7	.4				.3	360
	03-05	3.6	15.8				15.6	3.1	.3			3.1	360
	06-08	1.7	12.5				12.5	1.9	.3			1.9	360
	09-11		4.2				4.2	.6				.6	360
	12-14	.0	2.2				2.2						360
	15-17	1.9	4.4				4.4						360
	18-20	3.3	8.6				8.6						360
	21-23	5.8	18.3				18.3	.3				.3	360
TOTALS		2.6	10.1				10.1	.8	.1			.8	2880

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

41417
STATION

U.S. AIRCRAFT MAINTENANCE STATION
STATION NAME

66-69

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	1.4	19.9				17.9						372
	03-05	2.4	17.4				17.8	.3				.3	371
	06-08	.3	10.2				11.2	.3				.5	372
	09-11		6.5				6.5						372
	12-14		6.5				6.5						372
	15-17	2.4	7.5				7.5						372
	18-20	4.3	16.1				16.1	.3				.3	372
	21-23	3.4	19.9				19.9	.3				.5	372
TOTALS		1.9	13.1				13.1	.2				.2	2975

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

41017
STATION

N RAICHATHANI THAI/UBJN RTAFB
STATION NAME

66-63

YEARS

100
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
Aug	00-02	1.6	13.0				13.0	.3	.8			1.1	372
	03-05	.3	16.8				16.8	.3	.5			.8	372
	06-08	1.6	17.7				17.7	2.4				2.4	372
	09-11	.3	12.4				12.4	.3				.8	372
	12-14	.5	5.9				5.9						372
	15-17	1.6	5.4				5.4						372
	18-20	3.8	13.7				13.7	.5				.5	371
	21-23	2.7	13.1				13.1	1.6				1.6	371
TOTALS		1.6	13.0				13.8	.7	.2			.9	2974

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ IAC

WEATHER CONDITIONS

61017
STATION

DA N RATCHATHANI THAI/UBON RTAFB
STATION NAME

66-69

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	1.4	16.7				16.7	.8				.8	360
	03-05	1.9	20.3				20.3	1.7				1.7	360
	06-08	2.2	20.6				20.6	1.7	.3			1.9	360
	09-11		16.7				16.7	.6				.6	360
	12-14	.3	14.2				14.2	.6				.6	360
	15-17	1.9	10.8				10.8						360
	18-20	2.2	10.0				10.0		.3			.3	360
	21-23	1.9	14.2				14.2		.8			.5	360
TOTALS		1.5	15.4				15.4	.7	.2			.8	2880

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAO

WEATHER CONDITIONS

41.17
STATION

US N KATCHATHA-1 THAI/URON RTAFB

66-69

YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01	00-02	.5	1.6				1.6						372
	03-05	.3	2.2				2.2	.5	.3			.8	372
	06-08	.3	4.6				4.6	3.0	.3			3.0	372
	09-11		2.7				2.7	.6				.8	372
	12-14	.3	3.5				3.5	.8				.8	372
	15-17	1.9	3.0				3.0	.5				.5	372
	18-20	.2	4.3				4.3	.5				.5	372
	21-23	.5	3.2				3.2						372
TOTALS		.6	3.1				3.1	.8	.1			.8	2976

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

41017
STATIONN RATCHATHANI THAI/UNION RTAFB
STATION NAME

66-69

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		1.7				1.7	.4				.3	360
	03-05		1.7				1.7	1.1				1.1	360
	06-08		.8				.8	3.1	2.5			4.5	359
	09-11		1.1				1.1				.6	.6	360
	12-14	.3	1.1				1.1				.8	.8	360
	15-17	.6	1.7				1.7				.3	.3	360
	18-20		1.1				1.1		.3			.3	360
	21-23		.6				.6						360
TOTALS		.1	1.2				1.2	.6	.4		.2	1.0	2879

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE TAC

WEATHER CONDITIONS

41017
STATIONUBIN RATCHATHANI THAI/UBIN RTAFB
STATION NAME65-69
YEARSDEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02								1.1			1.1	464
	03-05		.2				.9	.2	.2			.4	465
	06-08							4.1	6.2			6.5	465
	09-11								1.1		.2	1.3	465
	12-14												465
	15-17												465
	18-20								.6		.2	.9	465
	21-23		.4				.4		1.1			1.1	465
TOTALS			.2				.2	.5	1.3		.1	1.4	3719

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

2

DATA PROCESSING DIVISION
USAFET
AIR WEATHER SERVICE/NAO

XXXXXX WEATHER CONDITIONS XXXXXX
XXXXXX ATMOSPHERIC PHENOMENA XXXXXX

4117 STATION NAME: N RAICATHANI TRAI/UNTR STAFF 65-70 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
A	DAILY		3.2				3.2	14.1	28.4			32.9	155
J		1.4	5.7				5.7	18.6	60.7			61.4	140
AP		4.9	15.3				15.3	15.3	70.2			71.0	124
M		20.7	33.0				33.0	24.2	40.8		.8	48.3	120
AY		41.1	59.7				59.7	12.9	5.6			16.9	124
JJ		35.8	63.3				63.3	10.8	.8			10.8	120
UL		29.0	68.5				68.5	4.8				4.8	124
UG		20.2	73.4				73.4	9.7	.8			9.7	124
SD		21.7	67.5				67.5	7.5	1.7			9.2	120
CT		10.5	25.8				25.8	7.3	1.6			8.1	124
OV		3.4	10.5				10.9	6.7	6.7			10.1	113
FC			6.5				6.5	8.4	12.9			13.5	155
TOTALS		17.2	36.2				36.2	11.7	19.2		.1	24.7	1549

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather	From beginning of record thru Jun 52	Snow depth at 0030 GCT
Bureau Stations	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956.

2

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

PRECIP	NONE	TRACE	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
			01	02 05	06 10	11 25	26 50	51 100	101 250	251 500	501 1000	1001 2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 104	105 154	155 254	255 504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN																		
FEB																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

2
[
III

NATIONAL RESEARCH DIVISION
USAF ETAC
AIR FORCE ENGINEERING

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

STATION NAME: DATA/STATION NAME: STATION NAME: 65-70

YEARS

24 MONTH AVERAGES IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1	.00	.00	2.00	1.93	4.59	2.53	4.04	3.30	2.65	1.47	1.14	.02	4.54
2	.01	.00	.00	1.82	1.15	1.22	1.97	3.39	2.52	4.55	.59	.00	4.54
3	1.10	.01	.20	1.52	2.02	3.30	1.12	2.19	5.29	.00	1.00	.00	4.20
4	1.00	.13	.20	1.45	2.00	4.40	2.25	1.30	4.97	.57	1.00	1.00	4.97
5	1.00	.01											
6													
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100													
MEAN	.00	.03	.77	1.71	2.44	2.88	2.50	2.55	3.86	1.60	.68	.00	4.37
S.D.	.000	.056	1.224	.213	1.487	1.346	1.509	.993	1.475	2.010	.511	.000	.324
TOTAL OBS.	155	141	124	120	124	120	124	124	120	124	120	155	1551

DATA PREPARED BY: [illegible]
 DATE: [illegible]
 AIR FORCE: [illegible]

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 (FROM DAILY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible]

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														155	0.0	0.0	0.0
FEB	100.0														155	0.0	0.0	0.0
MAR	100.0														155	0.0	0.0	0.0
APR	100.0														155	0.0	0.0	0.0
MAY	100.0														155	0.0	0.0	0.0
JUN	100.0														155	0.0	0.0	0.0
JUL	100.0														155	0.0	0.0	0.0
AUG	100.0														155	0.0	0.0	0.0
SEP	100.0														155	0.0	0.0	0.0
OCT	100.0														155	0.0	0.0	0.0
NOV	100.0														155	0.0	0.0	0.0
DEC	100.0														155	0.0	0.0	0.0
ANNUAL	100.0														155	0.0		

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/AC

EXTREME VALUES

ANNUAL
FROM DAILY OBSERVATIONS

41017 STATION NAME: DON BACHATHAI THAI/THAN AIRFB 03-73 YEARS

24 HOUR AHEADS IN TCHFS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1971	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1972	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1973	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1974	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1975	.0	.0											
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2028													
2029													
2030													
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	155	141	124	120	124	120	124	124	120	124	120	155	1551

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DATA PROCESSING CENTER
NOV 1974
NOV 1974

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

STATION NO. 100000 STATION NAME 100000 YEARS 100000

PRECIP	NONE	TRACE	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
			01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	100.0																		
FEB	100.0																		
MAR	100.0																		
APR	100.0																		
MAY	100.0																		
JUN	100.0																		
JUL	100.0																		
AUG	100.0																		
SEP	100.0																		
OCT	100.0																		
NOV	100.0																		
DEC	100.0																		
ANNUAL	100.0															1581			

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EXTREME VALUES

FROM DAILY OBSERVATIONS

•1017 NEW ATC 41-411 T-41/0300 STATION 65-76
STATION NAME

YEARS

10 JULY 1964

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1960	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1961	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1962	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1963	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1964	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1965	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1966	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1967	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1968	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1969	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1970	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1971	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1972	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1973	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1974	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1975	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1976	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1977	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1978	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1979	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1980	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	155	141	124	120	124	120	174	124	120	124	120	155	1551

USAF ETAC ^{FORM} 0885 (OLI)
11-54

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/40

EXTREME VALUES

PREPARED BY
FROM DAILY OBSERVATIONS

STATION: N. WATCATHALL T-41/D-41M STAFF, 65-66, 69-70
STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	22.0	21.0					29.0	27.0	42.0	24.0	33.0	10.0	
STD													
TOTAL OBS	31	28					28	31	30	31	27	30	236

2

DATE PREPARED: DIVISION
USAF ETAC
AIR FORCE SERVICE AGENCY

EXTREME VALUES

FROM DAILY OBSERVATIONS

ALBUQUERQUE, NEW MEXICO
STATION NAME: ALBUQUERQUE, NEW MEXICO
PERIOD: 65-66, 67-70

YEARS

WIND SPEED IN KNOTS
LESS THAN 10 OBSERVATIONS FOR 1967

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S D													
TOTAL OBS													

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

61017 STATION UB N RATCHATHANI THAI/UBIN RTAFB 65-70 YEARS ALL
MONTH
ALL
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.5	2.0	.2	.0							8.2	5.2
NNE	2.0	3.9	6.7	1.4	.0	.0						16.6	6.7
NE	1.3	2.0	1.8	.5	.0							5.6	6.2
ENE	1.1	1.0	.5	.0	.0							2.6	4.6
E	1.1	.9	.2	.0								2.2	4.0
ESE	1.1	.3	.2	.0		.0						2.0	4.0
SE	1.6	1.4	.4	.0								3.5	4.1
SSE	2.2	2.1	.7	.0								5.4	4.1
S	3.2	3.3	1.4	.1	.0							8.1	4.5
SSW	1.4	2.3	1.7	.1	.0							5.5	5.5
SW	1.1	2.2	2.2	.2	.0							5.8	6.1
WSW	.5	1.4	1.8	.3	.0							4.1	6.7
W	.4	1.4	1.4	.1		.0						3.9	5.9
WNW	.3	.4	.2	.0								1.0	5.1
NW	.4	.3	.1	.0								.9	4.2
NNW	.5	.5	.2	.0								1.4	4.3
VARBL	3.3	2.0	.0									5.3	3.2
CALM												14.0	
	22.0	31.2	21.7	3.1	.1	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 37214

2

DATA PROCESSING DIVISION
 TAC/USAF
 AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1017 STATION NAME RAIGRATHA I THAI/UN. STATION 66-1, YEARS MONTH
 ALL DAYTIME CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.4	3.5	.1								11.7	5.4
NNE	3.3	2.5	2.2	3.6	.1							29.7	7.2
NE	4.3	3.3	3.2	.7	.1							9.5	6.1
ENE	1.4	1.1	.8									3.3	4.4
E	.4	.7	.1									1.4	3.8
ESE	.8	.6	.6									1.4	3.9
SE	.7	.9	.4									2.7	4.5
SSE	1.8	.3	.6									2.3	4.5
S	.2	.7	.2									1.4	4.5
SSW	.2	.5	.1									.5	4.7
SW	.1	.2	.2									.3	4.5
WSW	.1	.2	.1									.4	4.8
W	.6	.3	.1									.6	4.5
WNW	.1	.1										.1	3.2
NW	.6	.1	.1									.4	3.9
NNW	.1	.2	.2									1.1	4.1
VARBL	4.7	2.4										8.3	3.2
CALM												25.2	
	27.1	21.6	4.9	.4								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 3719

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41017 STATION NAME N RATCHATHANI THAI/UBON RTAFB YEARS 66-70 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.8	3.5	.3								11.3	5.6
NNE	2.2	7.6	2.6	1.3								21.2	6.7
NE	1.1	2.0	1.6	.4								5.6	5.9
ENE	1.6	1.5	.5	.1								3.2	4.5
E	.7	.8	.2									1.7	4.1
ESE	.7	.7	.6									1.8	4.1
SE	1.2	1.3	.8									3.6	4.5
SSE	2.2	2.6	1.1									5.9	4.4
S	1.7	2.4	1.2	.0								5.2	5.0
SSW	.4	.9	.6	.0								2.0	5.3
SW	.5	.4	.3									1.1	4.7
WSW	.4	.2	.2									.8	4.8
W	.3	.4	.2									.2	5.0
WNW	.3	.1	.0									.4	2.9
NW	.4	.2	.1									.6	3.9
NNW	.5	.7	.1									1.3	4.0
VARBL	2.0	3.3										8.8	3.2
CALM												25.0	
	22.2	30.3	20.0	2.1								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 3384

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 61017 STATION NAME US N RATCHATHANI DATA/USAFB YEARS 66-67
 CLASS ALL WEATHER MONTH ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	1.7	.3								6.5	5.7
NNE	1.1	3.0	4.5	.6								9.3	6.8
NE	1.1	1.5	1.3	.1								4.1	5.8
ENE	.9	.7	.2	.0								2.0	4.2
E	1.1	.9	.3									2.4	4.0
ESE	1.7	.0	.3									1.9	3.8
SE	1.0	1.7	1.2	.2								4.8	4.8
SSE	3.4	3.2	1.9	.0								8.5	4.6
S	3.7	4.4	3.0	.0	.0							11.6	3.0
SSW	2.1	2.7	2.0	.1								6.9	5.4
SW	1.1	1.9	1.1	.1								4.3	5.2
WSW	.4	1.1	.5									2.0	5.2
W	.2	.8	.3									1.6	4.7
WNW	.4	.2	.1	.1								.8	4.7
NW	.2	.6	.1									1.0	4.4
NNW	.8	.7	.2	.0								2.1	4.8
VARBL	3.4	1.4										5.4	2.9
CALM												25.0	
	22.6	28.9	19.3	1.3	.0							100.0	3.11

TOTAL NUMBER OF OBSERVATIONS 2976

2

DATA PROCESSING DIVISION
STAC/USAF
NIP WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: RAICHAHAI TAI/URU STAF YEARS: 66-67 MONTH: APR
CLASS: ALL WEATHER HOURS (L.S.T.): ALL
CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	.9	.0	.2							4.1	5.1
NNE	1.6	1.9	2.2	.0								6.1	6.7
NE	1.2	1.8	.7	.2	.0							3.7	5.3
ENE	1.2	1.4	.5	.1	.0							3.4	4.6
E	1.0	1.7	.3	.1								3.1	4.5
ESE	1.4	1.1	.5	.0								3.1	4.3
SE	2.4	2.3	.8									5.5	4.2
SSE	3.7	3.1	1.6	.0								8.4	4.4
S	4.4	6.1	2.8		.0							13.4	4.7
SSW	1.7	2.9	2.5	.0								7.1	5.7
SW	1.0	1.7	1.0	.1								3.0	5.3
WSW	.2	1.3	1.1		.0							2.8	6.0
W	.7	.8	.3									1.7	4.5
WNW	.4	.4	.3	.1								1.2	5.3
NW	.0	.0	.2									1.2	4.4
NNW	.7	.6	.2									1.5	3.9
VARBL	4.1	2.2										6.8	3.1
CALM												22.8	
	28.0	31.7	16.0	1.4	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2880

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41017 STATION NAME U-10 RAICHATHANI THAI/USIN RTAFB YEARS 66-67 DAY MONTH ALL HOURS (L.S.T.) ALL

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.9	.1									1.8	3.9
NNE	.5	.7	.1	.1	.2							1.5	4.5
NE	1.7	.5	.4	.1								2.3	4.8
ENE	1.2	.8	.5									2.3	4.5
E	1.8	1.4	.5	.1								4.1	4.3
ESE	1.2	1.7	.3	.1								4.0	4.1
SE	3.2	3.7	.8									8.0	4.1
SSE	4.2	5.1	1.6	.0								11.3	4.3
S	9.2	7.1	2.7	.1								15.8	4.5
SSW	2.2	3.4	2.4	.3								8.0	5.6
SW	1.4	3.3	3.2	.4								8.3	6.1
WSW	.4	2.0	2.4	.2								5.3	6.3
W	1.4	1.9	1.7	.0								5.0	5.6
WNW	.4	.2	.2									1.4	5.0
NW	.3	.2	.2									1.0	4.8
NNW	.4	.4	.2	.0								1.1	5.0
VARBL	2.2	1.1										3.5	3.1
CALM												15.2	
	31.2	30.0	17.4	1.2	.0							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2775

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION 41 N RATCHATHANI T-41/UBON RTAFB 66-67 YEARS MONTH ALL
STATION NAME CLASS ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.2	.1									1.0	3.9
NNE	.4	.2	.1									.6	4.8
NE	.4	.1	.1									.6	4.2
ENE	.3	.3	.1									.8	4.5
E	1.1	.2	.1									1.3	3.3
ESE	1.3	.7	.2	.0								2.3	3.7
SE	3.1	2.3	.4	.0								5.8	3.6
SSE	4.5	3.8	.8									9.2	3.9
S	7.7	6.8	2.7	.1								17.3	4.3
SSW	3.1	4.9	3.6	.6								11.8	5.4
SW	2.5	4.9	6.2	.4								14.0	6.3
WSW	1.0	2.8	4.7	.6								9.3	7.1
W	.9	2.6	2.6	.2								6.4	6.4
WNW	.4	.3	.4	.1								1.4	5.6
NW	.3	.2	.2									.7	4.7
NNW	.3	.2	.1									.6	4.2
VARBL	2.3	1.1										3.4	3.0
CALM												13.3	
	29.9	32.5	22.4	1.9								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2080

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41017 STATION NAME U-10 RATCHATHANI THAI/UBON RTAFB YEARS 66-69 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2		.0								.7	4.2
NNE	.1	.2	.0	.0								.3	4.8
NE	.2	.1										.3	2.8
ENE	.3	.3	.0									.6	3.8
E	.7	.7	.1									1.4	3.8
ESE	1.2	1.0	.1									2.4	3.5
SE	2.4	1.7	.3									4.4	3.6
SSE	4.3	3.0	.8	.0								8.1	3.3
S	6.1	6.2	2.9	.3								15.5	4.6
SSW	2.0	5.4	5.0	.5	.0							13.0	6.2
SW	1.9	5.8	5.9	1.4	.0							15.1	6.7
WSW	.4	3.4	4.8	1.1	.0							10.3	7.3
W	1.7	3.0	4.9	.7								10.3	6.7
WNW	.4	.5	.7	.1								1.7	6.1
NW	.3	.3	.1	.1								.8	5.5
NNW	.2	.3	.1									.6	4.6
VARBL	1.8	1.1										3.0	3.1
CALM												11.5	
	25.0	33.2	25.7	4.5	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2975

2

DATA PROCESSING DIVISION
 STAG/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 61517 STATION NAME UDORN RATCHATHANI THAI/UDORN RTAFB YEARS 66-69 MONTH AUG
 CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.1									.4	3.9
NNE	.2	.3	.0									.5	4.1
NE	.2	.1	.0									.4	3.9
ENE	.4	.1	.1									.6	3.2
E	1.0	.5	.1	.0								1.6	3.7
ESE	1.0	.5	.1									1.6	3.4
SE	1.9	.9	.0									2.9	3.1
SSE	3.0	2.5	.2									5.7	3.4
S	6.6	4.5	1.2	.1								12.5	3.9
SSW	2.5	5.7	3.7	.3								13.2	5.4
SW	2.3	2.7	7.6	.6								16.2	6.6
WSW	1.2	4.0	6.2	.8								12.2	7.0
W	1.8	2.7	5.8	.4		.0						11.7	6.7
WNW	.4	.7	.5	.0								1.7	5.5
NW	.5	.3	.3									1.1	4.6
NNW	.1	.2	.2									.5	5.8
VARBL	2.3	1.6										4.0	3.1
CALM												13.0	
	26.4	31.6	26.1	2.4		.0						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2970

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41017 STATION NAME UBON RATCHATHANI THAI/UBON RTAFB YEARS 66-67 MONTH SEP
 CLASS ALL WEATHER MONTH ALL
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.1	1.7	.2								6.5	4.3
NNE	2.3	3.3	1.6	.0								7.5	4.8
NE	1.1	1.6	.9	.0								3.6	5.0
ENE	1.2	1.0	.3									2.6	3.9
E	1.5	.8	.1									2.4	3.3
ESE	1.2	1.2	.4	.0		.0						3.2	4.3
SE	1.7	1.0	.3	.1								3.1	4.0
SSE	2.6	1.0	.2	.0								4.8	3.4
S	2.4	2.1	.6									5.6	3.8
SSW	1.8	2.1	1.0									4.9	4.5
SW	2.5	2.4	1.7	.1								7.7	4.8
WSW	1.5	2.2	2.5	.4								6.6	6.2
W	2.4	3.1	1.8	.2								7.5	5.2
WNW	.4	.8	.3	.1								1.7	5.3
NW	1.1	.0	.2	.0								1.9	3.9
NNW	1.0	.8	.3	.0								2.2	4.1
VARBL	3.6	2.0										5.7	3.0
CALM												22.7	
	32.2	31.1	13.0	1.1		.0						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2880

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION U-11 RAICHATHANI THAI/USAF RTAFB 60-60 CT MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	6.6	3.6	.4								15.7	5.0
NNE	5.7	14.2	9.7	1.1								30.7	5.9
NE	2.1	4.9	4.0	.6	.0							11.6	6.2
ENE	1.6	2.0	.9	.1								4.6	5.1
E	1.5	1.0	.4	.0								2.9	4.0
ESE	.9	.6	.1									1.5	3.4
SE	.7	.8	.2									1.8	4.3
SSE	1.4	.6	.2									2.2	3.5
S	.6	.8	.4									2.0	4.5
SSW	.7	.7	.3	.0								1.7	4.4
SW	.5	.7	.2									1.5	4.2
WSW	.2	.6	.1									.9	4.6
W	.4	.9	.2									2.0	4.0
WNW	.5	.4	.1									1.1	3.8
NW	.1	.4	.1									1.3	3.5
NNW	1.2	.9	.3									2.4	3.9
VARBL	2.4	2.2										4.5	3.5
CALM												11.4	
	27.3	38.1	20.9	2.3	.0	.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 2976

2

DATA PROCESSING DIVISION
 DTAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION 03 N RAICHATHAI THAI/UBON RTAFB 66-69 YEARS MONTH ALL
 CLASS ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	8.3	5.0	.3								17.7	5.3
NNE	5.4	14.4	20.0	4.1	.1							44.0	7.0
NE	2.3	3.5	5.5	1.5	.0							12.9	7.1
ENE	1.7	1.5	1.3	.2								3.9	9.7
E	.7	.8	.4									2.0	4.6
ESE	.4	.3	.3	.1								1.1	5.5
SE	.2	.1	.1									.4	4.8
SSE	.1	.1	.0									.3	3.6
S	.2	.2										.4	3.7
SSW	.2	.1										.2	3.1
SW	.1	.1										.2	3.0
WSW	.2	.1										.3	3.0
W	.2	.1	.0									.3	3.3
WNW	.1	.1										.3	3.8
NW	.7	.1	.0									.6	3.3
NNW	.6	.7	.3									1.6	4.6
VARBL	2.4	1.8	.0									4.2	3.4
CALM												9.4	
	19.0	32.3	32.9	6.2	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2879

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

51017 STATION NAME DEHN RATCHATHANI THAI/USDA RTAFB 65-63 YEARS MONTH ALL
CLASS ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	7.1	4.2	.3								16.9	5.1
NNE	0.4	12.1	15.7	4.0	.1							38.7	6.8
NE	2.7	3.1	3.3	1.5	.0							10.6	6.6
ENE	1.7	1.1	.4	.1								3.0	4.6
E	1.1	.1	.2									2.1	3.7
ESE	.3	.2	.1									.6	4.0
SE	.2	.2	.1									.4	4.4
SSE	.2	.1										.3	2.0
S	.1	.1	.1									.3	4.4
SSW	.1		.0									.1	4.0
SW	.1											.1	2.5
WSW	.1	.1	.0									.2	3.4
W	.3	.1	.0									.4	3.3
WNW	.2	.1										.3	3.1
NW	.2	.2										.4	3.5
NNW	.2	.6	.3									1.5	4.3
VARBL	2.0	2.0										4.6	3.2
CALM												10.9	
	22.4	24.0	24.8	5.9	.1							100.7	4.8

TOTAL NUMBER OF OBSERVATIONS 3719

2

DATA PROCESSING DIVISION
DTAG/USAF
AIR WEATHER SERVICE/DTAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION VR N RAICHATHANI (HAI) URGW RTAFB 66-71 YEARS JAN MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	0.2	4.3	0.6								14.3	5.1
NNE	5.6	16.1	14.7	1.7								39.9	6.1
NE	3.7	3.2	0.9	0.6								7.8	4.5
ENE	2.1	0.2	0.2									3.7	2.9
E	0.6											0.6	2.0
ESE	0.1											0.7	2.0
SE	0.6	0.2										0.9	2.3
SSE	1.1											1.1	2.4
S	0.6											0.7	2.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	0.6											0.2	2.0
VARBL	0.6											0.6	1.7
CALM												30.0	
	19.0	24.0	20.0	2.4								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 464

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION JO N RAICHATHA II TAFI/URBN KTAFC 66-70 YEARS MONTH JAN
CLASS ALL WEATHER 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.7	6.3	1.7									14.2	4.0
NNE	7.1	13.1	9.9	1.7								31.4	5.7
NE	4.3	1.5	.6	.2								6.9	3.8
ENE	2.2	.6										2.3	2.5
E	1.1											1.1	2.2
ESE	.2											.2	2.0
SE	.0	.4										1.1	3.0
SSE	.2	.2										1.1	2.4
S	.2											.2	2.0
SSW													
SW	.2											.2	2.0
WSW	.2											.2	2.0
W													
WNW													
NW													
NNW	.0											.6	2.3
VARBL	1.7	.4										2.2	2.2
CALM												37.2	
	26.2	22.8	12.3	1.3								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 465

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIRCRAFT SERVICE AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION NAME: 2014 RATCHAPALMA 1 (HAI/UC) STAFF: 06-71 YEARS: MONTH: 10°C=0900 HOURS (LST)
 CLASS: CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.7	3.2	2.4									13.3	4.4
NNE	5.0	12.7	9.7	1.7								27.7	4.4
NE	3.2	4.3	1.7	1.6								1.1	4.4
ENE	2.6	1.7	1.4									1.4	1.4
E	1.7											1.7	2.2
ESE	1.1	1.2										1.3	2.2
SE	1.1	1.3	1.2									1.7	4.4
SSE	1.7	1.3	1.2									2.4	4.4
S	1.6	1.4										1.6	4.4
SSW													
SW	1.6											1.6	2.2
WSW													
W	1.6											1.6	2.2
WNW													
NW													
NNW	1.4											1.4	2.2
VARBL	1.7	1.2										2.9	3.2
CALM												17.1	
	24.2	24.4	14.6	1.7								100	1.2

TOTAL NUMBER OF OBSERVATIONS

465

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

<u>STATION</u>	<u>STATION NAME</u>	<u>DAYS</u>	<u>YEARS</u>	<u>MONTH</u>
<u>CLASS</u>	<u>HOURS (L.S.T.)</u>	<u>CONDITION</u>		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 455

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR CENTER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11-17 STATION NAME US N RATCHAGHAI 1-41/UBD RTAFB YEARS 66-70 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.5	4.7	.2								10.8	6.6
NNE	.7	4.5	6.2	3.1	.4							15.1	8.7
NE	.4	3.9	5.2	1.3	.6							11.4	7.3
ENE	1.2	1.7	1.9									4.7	5.8
E	.4	3.1	.8									4.5	4.6
ESE	1.1	.5	.2									2.5	3.3
SE	.6	1.1	.4									1.9	5.6
SSE	.7	1.1	1.1									3.0	5.4
S	1.1	1.3	.2									3.2	3.7
SSW	.6	1.7	.2									2.2	4.5
SW		.4	.2									.6	6.1
WSW		.5	.6									1.3	6.3
W	.5	.2	.2									1.7	4.0
WNW	.4	.2										.6	2.7
NW	.6	.4	.2									.9	4.5
NNW	.6	1.3	.4									2.4	5.0
VARBL	10.5	12.1										23.9	3.6
CALM												9.5	
	22.4	34.6	22.6	5.6	.6							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 465

2

DATA PROCESSING DIVISION
 FTAN/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION RAICHA MATIA I THAI/WHIN MATIA CLASS CS-7 MONTH JAN
 STATION NAME YEARS
 ALL SEASONS
 CLASS
 CONDITION
 1500-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.7	4.1	1.2								12.0	7.2
NNE	1.3	5.0	12.1	5.2								24.9	8.2
NE	1.3	3.1	4.3	1.1	.2							10.0	7.1
ENE	.6	2.2	1.3									4.1	5.4
E	1.1	.5	.2									1.8	3.8
ESE	.4	1.1	.2									1.7	4.8
SE	1.1	.2	.2									1.5	3.3
SSE	.2	.4	.6									1.3	5.2
S		1.1	.2									1.3	5.2
SSW	.4	1.1	.2									1.7	4.4
SW	.4	.2										1.3	4.3
WSW		1.1										1.1	4.6
W	.6	1.1	.4									2.2	5.0
WNW	.2	.2										.4	4.0
NW	.6	.2	.4									1.3	4.3
NNW	.6	.2	.3									2.0	5.6
VARBL	1.3	1.3										20.2	3.2
CALM												9.7	
	23.2	22.3	26.4	7.7	.6							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 465

2

DATA PROCESSING DIVISION
 ETAC/500
 AIR WEATHER SERVICE/AGC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4127 STATION NAME N RAICHAHADI 10A/USCN RTAFB YEARS 66-70 MONTH NORTH
 CLASS ALL WEATHERS HOURS 0000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	5.4	4.7									1.7	5.0
NNE	1.9	2.8	12.7	7.1	.2							30.7	8.6
NE	.2		1.7	.2	.6							2.7	4.7
ENE	.2	.2										1.1	2.2
E													
ESE	1.1											1.1	2.0
SE	1.1											1.1	1.0
SSE	1.1	.2										1.7	2.6
S	.2											.5	2.0
SSW		.2										.2	4.0
SW													
WSW	.2											.2	2.0
W	.2											.4	2.5
WNW													
NW	.2											.3	2.8
NNW	.2	.4										2.4	2.5
VARBL	2.1	.2										3.0	2.1
CALM												37.6	
	20.1	12.5	22.2	7.3	.4							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 465

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4101' STATION NAME THAI/UBON STAB 06-70 MONTH JAN
STATION CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.4	3.2	4								10.3	5.6
NNE	2.2	11.6	20.0	5.6								19.4	7.8
NE	1.2	2.9	3.0	1.1								8.6	7.0
ENE	.4											.4	3.0
E	.2	.2										.9	3.0
ESE	.4											.4	2.5
SE	1.7											1.7	2.0
SSE	1.1	.2										1.9	2.9
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL	.5	.2										.5	2.5
CALM												35.5	
	12.1	14.5	26.2	7.3								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 465

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41017 STATION NAME 00 N BATHATHAI THAI/USAF RTAFB YEARS 66-70 MONTH FEB
CLASS ALL-WEATHER HOURS (L.S.T.) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.7	2.8									7.5	5.4
NNE	1.1	14.9	14.9	.9								33.7	6.2
NE	1.2	2.8	.1									4.7	4.6
ENE	1.1	1.7										3.3	3.4
E	.2	.2										.5	3.5
ESE	.4											1.4	2.0
SE	1.1											1.7	2.0
SSE	2.0	.2										3.5	2.7
S	.1	.2										1.9	3.4
SSW	.2											.5	2.5
SW	.2											.5	3.0
WSW													
W													
WNW													
NW	.2											.2	2.0
NNW	.2											.2	2.0
VARBL	1.2											1.9	2.4
CALM												95.6	
	18.6	25.8	18.4	.9								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 423

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 66-70 STATION NAME RAICOMATA I THAI/UNION STAFF YEARS 66-70 MONTH FEB

CLASS ALL WEATHER HOURS (L.S.T.) 0300-0900

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	5.9	1.9									12.5	4.4
NNE	3.2	14.9	7.5									17.7	5.3
NE	3.8	1.7	2.2									5.7	3.4
ENE	1.7	2.5										2.1	2.6
E	2.2											.5	2.0
ESE	2.6	2.2										.3	3.5
SE	2.2	2.2										1.2	3.0
SSE	1.3	2.9	2.2									3.1	3.5
S	2.1	2.2										2.4	2.7
SSW	2.2	2.2										.7	3.3
SW	2.7											.7	2.0
WSW	2.5											.5	2.0
W													
WNW	2.6											.7	3.0
NW	2.2	2.6										.7	3.3
NNW		2.5										.9	3.0
VARBL	4.1	2.5										4.7	2.5
CALM												36.4	
	27.4	26.2	9.9									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 423

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 61017 STATION NAME U-18 KATCHATHANI THAI/USBN RTAFB YEARS 66-70
CLASS ALL WEATHER MONTH 0600-0600
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	4.3	.7	.7								6.4	4.2
NNE	5.4	5.9	6.6	.7								27.4	5.4
NE	2.4	5.9	1.4									6.7	4.3
ENE	1.4	.7	.2									2.4	3.4
E	1.4	.3										2.4	3.4
ESE	2.4	1.4										4.4	3.2
SE	4.3	3.3	.5									8.4	3.1
SSE	2.4	4.0	.7									7.1	4.1
S	.3	.9										1.4	4.7
SSW													
SW	.2											.2	3.4
WSW													
W	.3											.4	3.5
WNW													
NW		.2										.2	4.7
NNW	.3	.5										.9	3.4
VARBL	1.4	.2										2.1	3.1
CALM												28.1	
	28.1	32.9	10.2	.7								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 424

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR FORCE SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 6117 STATION NAME AIR RATCHATHANI THAI/USAF CLASS 56-75 YEARS MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	4.2	1.7									6.4	5.4
NNE	1.7	3.2	1.6	.7								13.5	7.2
NE	.7	4.0	2.4	.2								7.5	6.8
ENE	1.2	3.5	1.4	.2								6.8	5.7
E	1.7	2.1	.7									4.5	4.5
ESE	.9	1.7	.7									3.5	5.2
SE	.2	3.2	4.2									8.7	6.6
SSE	1.7	6.1	2.9									13.7	6.7
S	.7	1.1	2.9									13.5	6.2
SSW	.2	2.5	1.4	.2								4.5	6.1
SW	.2	.6	.2									.7	5.1
WSW			.2									.2	3.0
W		.2	.3									.3	6.1
WNW													
NW	.6											.7	2.0
NNW		.7										.7	5.0
VARBL	2.7	2.4										11.3	3.6
CALM												2.6	
	12.1	42.9	33.3	2.4								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 424

2

DATA PROCESSING DIVISION
 AFM/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11017 STATION NAME RAIGMATHANL THAI/VRUN RTAFB YEARS 66-70 MONTH FEB
 CLASS ALL WEATHER HOURS 1200-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	3.3	.2								7.3	6.2
NNE	.2	2.1	3.4	.7								9.2	7.7
NE	.2	1.7	3.1	.7								5.7	7.7
ENE	.2	2.6	.9									4.5	6.9
E	.4	1.4	.2									2.6	4.0
ESE	.7	1.7	.7									3.1	5.1
SE		1.7	.7									2.4	5.7
SSE	.2	3.5	.5									4.3	5.2
S	1.1	4.7	2.4									8.7	5.5
SSW	.5	2.1	2.1									5.4	6.0
SW	1.6	2.1	.7									4.0	4.8
WSW	1.6	.7	.9									2.8	5.0
W	.7	1.7	.9									3.3	5.7
WNW	.1											.7	2.0
NW	.2	.5										.7	4.0
NNW	.2	1.0	.2									2.4	4.4
VARBL	12.4	11.3										23.6	3.5
CALM												9.2	
	24.1	42.8	22.2	1.7								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 423

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 9117 STATION NAME 13 N KATCHAIMA-I THAI/URON TAFB YEARS 66-77 MONTH FEB
 CLASS ALL-SEASON HOURS (L.S.T.) 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	0.0	0.2								15.4	4.7
NNE	0.1	4.2	6.1	0.1								12.3	7.5
NE	0.2	2.6	2.1	0.2								5.4	7.0
ENE	0.1	1.7	0.9									3.1	5.1
E	0.2	1.4	0.2									2.1	4.0
ESE		0.5	0.2									0.7	5.7
SE	1.6	0.1	0.2									2.1	4.0
SSE	1.2	0.3	0.2									3.4	5.0
S	3.5	3.1	0.2	0.2								7.8	4.0
SSW	0.2	1.2	0.2									3.1	4.0
SW	0.1	0.5	1.2									2.4	5.4
WSW	0.1	1.5	0.7									2.6	5.3
W	0.2	0.5	0.5									1.2	5.4
WNW	0.1	0.2	0.2									1.2	5.4
NW	0.1	0.4	0.5									2.1	4.5
NNW	1.2	0.7	0.7									2.6	4.5
VARBL	1.3	0.3										21.3	3.3
CALM												0.5	
	28.4	37.1	24.8	1.7								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 423

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION NAME: HATCHMAN I LAI/CHON RTAFB 66-70 YEARS: 1600-2000 NORTH
CLASS: ALL WEATHER
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	7.4	6.1	.7								29.6	5.5
NNE	1.1	4.2	2.7	2.4								17.7	7.8
NE		.7	.7	.7								2.1	8.2
ENE	.1	.2	.2									.9	4.3
E	.1	.2										.7	3.3
ESE	.7											.7	2.3
SE	1.7	.2										1.9	2.6
SSE	4.1	.7	.2									5.2	2.7
S	1.1	1.9										3.6	3.6
SSW	.7	.2										1.2	2.8
SW													
WSW	.2											.2	3.0
W	.7	.2										1.2	2.8
WNW	.1											.5	1.5
NW	.2											.2	2.0
NNW	.7	.2	.2									1.7	3.4
VARBL	4.2											4.5	1.9
CALM												36.6	
	25.1	17.2	17.5	3.8								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 423

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR SEATER SERVICE/AL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4117 STATION NAME MC N RATCHATHANI THAI/USAF YEARS 50-70 MONTH 100-2300
 CLASS ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.5	2.6	1.2								8.7	6.7
NNE	.7	7.3	8.9	4.3								31.2	4.2
NE	.7	1.2	1.9	.7								4.0	6.8
ENE	.7	.5	.6									1.4	3.2
E		.2										.7	4.0
ESE	.1											.2	1.0
SE	2.1											2.1	2.1
SSE	3.2	.9										4.5	2.5
S	1.1											1.7	2.3
SSW	.5											.2	3.0
SW	.6											.2	2.0
WSW	.6											.2	2.0
W													
WNW		.6										.2	4.0
NW													
NNW	.1	.2										1.2	2.6
VARBL	.1	.2										1.2	2.4
CALM												42.6	
	12.8	14.9	23.9	5.9								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 423

DATA PROCESSING DIVISION
ETAG/USAF
DIN - EATER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
ALL	ALL	ALL	ALL
CLASS	CLASS	CLASS	CLASS
CONDITION	CONDITION	CONDITION	CONDITION

[illegible]

TOTAL NUMBER OF OBSERVATIONS 372

2

ATLANTA, GEORGIA
 1950-1959
 10 YEARS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME ATLANTA, GEORGIA 1950-1959 10 YEARS MONTH 0300-0500 HOURS (LST)
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.2	1.1									11.1	4.2
NNE	3.2	4.2	1.1									12.4	5.2
NE	4.2	3.2	1.1									9.7	4.1
ENE	1.1	1.1										3.2	3.3
E	1.1	1.1										2.4	2.9
ESE	1.1	1.1										1.5	3.5
SE	1.1	1.1	1.1									1.7	3.4
SSE	1.1	1.1	1.1									4.6	3.5
S	1.1	1.1	1.1									5.1	3.4
SSW	1.1	1.1										4.2	3.3
SW	1.1	1.1										1.5	3.3
WSW	1.1	1.1										1.1	4.5
W	1.1	1.1										1.7	5.0
WNW	1.1	1.1										1.3	2.7
NW	1.1	1.1										1.5	4.0
NNW	1.1	1.1										1.5	4.0
VARBL	1.1	1.1										1.7	2.4
CALM												46.0	
	28.1	22.6	5.4									100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
CJAC/JASA
AIR MAIL 15 SEP 1967/140

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 372

SURFACE WINDS

[illegible]

TOTAL NUMBER OF OBSERVATIONS 317

ATC PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION RAIC/PAKAI STATION NAME PAKAI YEARS 06-07 MONTH 01
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.1
NNE	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0
NE	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1
E	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
SE	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
SSE	0.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
S	1.0	1.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
SSW	2.0	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0
SW	2.0	3.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
WSW	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
W	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
NW	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
NNW	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
VARBL	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10.0	41.0	20.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0

TOTAL NUMBER OF OBSERVATIONS 372

2

ATC PROCESS DIVISION
STATION
AIR FORCE ENGINEER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: 41-17 15 RAIC-ADHAI InAI/ADHAI KID 56-60 MONTH: 41
CLASS: All months HOURS (L.S.T.): 1600-1700
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		4.0	4.8	.3								2.3	7.1
NNE		.3	2.1	.3								1.1	1.3
NE		.3	.8									2.2	5.3
ENE		.3	.3									1.1	6.3
E		1.1	.5									3.0	4.2
ESE		.4										1.1	2.8
SE		1.1	.6									3.2	4.4
SSE		3.5	1.9									6.7	5.2
S		4.0	2.4									16.7	5.6
SSW		3.5	2.4									7.5	5.4
SW		2.4	2.2	.3								6.5	6.0
WSW		2.7	1.6									5.4	5.3
W		1.9	1.1									4.2	5.2
WNW		.3	.5									1.1	5.8
NW		1.1	.5									2.7	4.5
NNW		2.1	1.3	.3								2.6	5.7
VARBL		3.2										12.5	3.0
CALM												1.1	
	22.2	41.9	27.2	1.3								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
AFAC/USAF
111 EAST PR STREET, AG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41017 NAME W. RATCHATHANI TRAI/USAF STAFF YEARS 66-67 MONTH ALL
CLASS ALL WEATHER HOURS (L.S.T.) 2400-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.2	1.2	1.2								7.3	6.2
NNE	.2	1.2	3.2	1.1								1.5	7.7
NE	.2	.3	1.2									2.2	6.5
ENE		.5	.3									.8	5.0
E	1.2		.3									1.5	3.5
ESE	.2	.5	.3									1.6	4.0
SE	1.4	.5	.3									2.7	3.2
SSE	2.4	3.2	.5									3.7	3.5
S	6.5	3.2	.3		.2							10.5	3.9
SSW	2.2	3.2	.5									7.0	4.2
SW	1.1	2.4	.3									3.2	4.3
WSW	.2	.2	.3									1.3	5.0
W	.2	.2	.3									1.6	4.8
WNW	1.2			.2								1.6	4.5
NW	.2	1.1										1.6	3.8
NNW	2.7	.6	.3									3.5	3.1
VARBL	2.1	.8										5.5	2.5
CALM												30.1	
	34.1	22.3	9.9	2.7	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 372

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01017 STATION NAME DE N RAICHATHA I THAI/USAF YEARS 56-60 MONTH APR
 CLASS ALL PLAIN HOURS (LST) 000-0700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.57	.6									3.6	4.5
NNE	2.2	3.9	3.3	1.1								12.6	6.2
NE	2.2	1.2	.3	.2								4.7	4.3
ENE	2.2	.6										3.1	2.9
E	1.4	1.4										2.8	3.5
ESE	.5	.5										1.4	3.8
SE	1.9	.6										2.5	2.4
SSE	4.2	.6	.3									5.0	2.7
S	4.1	2.5	.3									7.4	3.2
SSW	3.6	1.7	.3									5.6	3.6
SW	1.7	1.8										3.5	3.4
WSW	.2	1.1	.3									1.7	5.5
W	.5	1.1	.3									1.9	4.9
WNW	.2	.6	.6									1.4	6.0
NW	.6	.3	.3									1.4	6.0
NNW	.5	.6										1.4	4.2
VARBL	2.1	.8										3.4	2.7
CALM												34.1	
	31.9	22.3	6.4	1.4								100.6	2.1

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR EARTH SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 66-01 STATION NAME N RAIGATHA I LAI/USAF STAFF YEARS 66-67 MONTH 0300-0500
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.0	1.1									6.1	4.7
NNE	2.2	3.1	.4	1.1								6.9	5.9
NE	.8	1.4	.8									5.0	4.4
ENE	2.2	3.1										5.0	3.6
E	1.4	.8	.3									2.5	3.7
ESE	1.4		.3									1.7	1.4
SE	3.1	.8										3.9	2.6
SSE	3.1	.8	.6									4.7	1.4
S	4.7	2.8										7.5	3.2
SSW	.8	.8	.3									1.7	4.1
SW	1.4	1.1	.3									3.1	3.6
WSW	1.1	.3										1.4	3.0
W	.8											.3	2.0
WNW		.3	.3									.6	7.0
NW	1.1	.3										1.4	2.8
NNW	.8	.3										.3	2.7
VARBL	2.2											2.5	2.3
CALM												47.6	
	31.9	18.6	4.7	1.1								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION NAME KATCHATHANI THAI/USUN RTAFB 66-67 YEARS MONTH APR
 CLASS ALL WEATHERS
 HOURS (L.S.T.) 0000-0800

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2		.3								4.2	4.3
NNE	1.1	1.9	2.5	.3								5.2	5.1
NE	1.4	2.5	.6	.3								5.2	4.7
ENE	2.4	1.7	.3									4.7	3.7
E	1.4	1.4	.3	.3								3.3	4.7
ESE	2.2	1.4	.3									4.2	3.5
SE	5.2	6.9	1.4									13.3	4.3
SSE	6.9	10.6	1.7									19.2	4.2
S	2.2	4.2	1.9									8.3	5.2
SSW	.2	.8	.3									1.7	4.5
SW	.2	.6	.3									1.1	4.6
WSW													
W	.4											.6	3.0
WNW	.3	.3										.6	3.5
NW													
NNW	.2	.5										1.4	3.4
VARBL	1.4	.8										2.4	2.4
CALM												23.3	
	22.2	30.1	9.7	1.1								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 301

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR FORCE SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41217 STATION NAME RAICHATHA I (HAI) JON STAFD YEARS 66-67 MONTH NORTH
 CLASS ALL WEATHER 0200-1100
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.6	.3									1.5	4.4
NNE	.1	.0	.5	.5								2.1	5.7
NE		1.9	1.4	.6								3.9	7.1
ENE	.0	1.4										2.2	6.0
E	.0	3.1										3.1	4.4
ESE	.0	1.7	1.9									4.6	5.6
SE	.0	3.7	2.5									6.2	7.9
SSE	1.7	4.4	5.3									11.4	6.1
S	1.4	13.1	10.0									24.4	6.1
SSW	1.1	5.8	6.9									13.8	6.5
SW	.5	1.7	3.1									5.3	6.4
WSW		1.9	2.2									4.2	7.0
W	.2	.6	.3									1.1	4.0
WNW	.0											.3	2.0
NW												.0	3.0
NNW	.0											.0	3.0
VARBL	3.1	3.6										6.7	3.6
CALM												8.7	
	3.3	44.4	34.7	.8								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 160

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR RESEARCH SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: 101017 STATION NAME: 101017 YEARS: 66-67 MONTH: 7
 CLASS: ALL SEATED HOURS (L.S.T.): 1200-1400
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.4									3.1	6.0
NNE	1.1	.4	.6	.4								3.1	6.1
NE	.6	1.1	.5	.3								2.5	5.8
ENE	.3	.5	.8	.1								1.9	7.4
E	.2	1.1	.6									1.9	5.3
ESE	1.1	1.7										2.8	4.1
SE	2.2	1.9	.4									5.0	4.6
SSE	1.1	1.2	1.7									5.1	4.4
S	4.4	10.4	3.1									20.6	5.3
SSW	1.1	4.4	5.4	.3								12.2	6.7
SW	1.4	2.2	2.2									5.8	3.7
WSW	.4	3.4	3.1									7.5	6.2
W	1.1	2.2	.6									4.4	4.4
WNW	.3	.6	.6									1.7	5.7
NW		1.1	.6									1.5	6.3
NNW	.2	.6										1.1	3.5
VARBL	8.2	4.7										13.3	3.2
CALM												5.8	
	27.6	32.7	65.8	1.4								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 360

DATA PROCESSING DIVISION
130705-1
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4117 STATION NAME RAICHAHAI I THAI/UBIN STAFF 66-67 YEARS MONTH 1966-1967 HOURS (LST) 1900-1700
CLASS ALL-Weather
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	1.4									6.1	4.9
NNE	.6	1.4	2.5	.5								5.5	7.7
NE	.7	1.7	.8		.3							3.1	6.1
ENE		2.2	.6	.3								3.1	5.0
E	1.1	1.9	1.4									4.6	5.1
ESE	.0	1.7	.3	.2								2.2	5.2
SE	.0	.0	1.1									2.2	6.3
SSE	.0	4.2	2.2	.1								7.5	6.0
S	2.2	5.9	2.0		.3							12.5	5.4
SSW	1.9	4.4	4.7									11.1	6.0
SW	.0	3.0	1.1	.0								5.4	6.1
WSW	.0	1.7	2.2									5.0	6.1
W	.4	1.1	.0									3.9	5.7
WNW	.0	1.1		.2								1.0	5.0
NW	.7	1.3	.3									3.1	4.4
NNW	.0	.2	.3									2.5	4.9
VARBL	4.0	1.9										12.5	3.2
CALM												8.0	
	22.8	41.9	23.6	2.2	.6							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 360

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2017	SAIGON	66-67	1966-1967
STATION	STATION NAME	YEARS	MONTH
	ALL SEALS		1966-1967
	CLASS		HOURS (L S T)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 165

2

DATA PROCESSING DIVISION
STATION 17
STATION NAME

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17 STATION NAME STATION NUMBER 55-01 YEARS MONTH 2100-2300
HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	1.2									4.2	5.0
NNE	1.1	1.4	2.3	1.0								8.8	7.7
NE	1.2	1.4	1.1									3.1	4.0
ENE	1.2	1.1	1.8									3.1	4.5
E		2.2										2.5	4.0
ESE	2.2	1.0	1.5									3.3	3.4
SE	1.1	1.4	1.2									5.1	3.1
SSE	1.1	1.1										2.5	2.7
S	2.2	4.2	1.5									12.2	3.3
SSW	2.2	1.7	1.3									4.2	3.4
SW	1.1	1.3	1.0									3.2	4.7
WSW	1.1	1.1	1.0		1.0							2.2	3.8
W	1.2	1.5										2.4	3.3
WNW		1.3										2.1	6.0
NW		1.3										1.3	4.0
NNW	1.1	1.1	1.3									1.7	4.5
VARBL	2.5	2.0										8.4	2.9
CALM												32.2	
	32.2	22.5	11.9	1.0	1.3							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
STAG/USC
AIR FEATURES CENTER/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41017 STATION NAME PACIFIC AIR FORCE STATION YEARS 56-6 MONTH MAY
CLASS ALL WEATHER HOURS 0000-0700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2										2.2	3.3
NNE	.1	.2										1.3	3.4
NE	1.1	.4										1.5	3.2
ENE	1.2	1.1	.5									2.8	4.3
E	1.0	.5										1.5	3.3
ESE	3.6	.2										3.8	3.0
SE	2.4	2.2	.5									5.1	3.6
SSE	2.1	2.7	.5									5.3	3.4
S	2.1	2.2										4.3	3.4
SSW	4.0	2.0	1.1	.5								7.6	4.0
SW	3.6	3.5	1.6									8.7	4.5
WSW	1.2	.5										1.7	3.1
W	1.6	1.2										2.8	3.5
WNW	.2	.3	.3									.8	3.7
NW		.5										.5	3.8
NNW	.1	.2	.5									1.4	3.7
VARBL	.5											.5	3.5
CALM												25.2	
	35.1	27.4	4.8	.3								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

372

SURFACE WINDS

CONDITION

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAFETA: 2-88 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042

2

ATMOSPHERIC DIVISION
 WASHINGTON, D.C.
 FORM NO. 1-60 (REV. 1-60)

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 65-01 STATION NAME ALL-STATE YEARS 1966-1967 MONTH 12
 CLASS ALL-STATE HOURS (L.S.T.) 100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	12.0	32.6	9.9									100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 372

2

ATC PROCESSING DIVISION
 11/1/50
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4217 STATION NAME TAYLOR FIELD TAF 55-61 YEARS 11
 CLASS ALL FATHER MONTH 1000-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1										1.1	4.0
NNE		2.2		1.1								3.3	7.3
NE	1.1	2.2	1.1									2.4	4.2
ENE		1.1	1.1									1.9	5.6
E	1.1	2.2	1.1									3.1	4.4
ESE	1.1	2.2	1.1	1.1								4.6	4.9
SE	2.2	3.3	1.1									7.5	5.2
SSE	1.1	4.4	3.3	1.1								11.6	5.4
S	1.1	3.3	4.4	1.1								15.9	5.3
SSW	1.1	2.2	4.4									11.6	5.9
SW	1.1	4.4	3.3	1.1								12.7	5.8
WSW	1.1	2.2	2.2	1.1								9.4	7.0
W	1.1	1.1	1.1									4.0	6.3
WNW		1.1										1.8	6.0
NW		1.1										1.1	5.0
NNW	1.1	1.1										1.6	3.3
VARBL	1.1	1.1										5.1	3.3
CALM												3.7	
	2.2	4.4	4.4	1.1								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 172

2

ATA PROCESSING DIVISION
TAF/OSD
1. PREPARED BY: ICEX AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
1007	1. PREPARED BY: ICEX AC	66-67	1200-1400
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.2									3.5	7.3
NNE		1.2										1.4	4.1
NE		1.2	1.1									2.4	5.2
ENE		1.3										1.5	4.5
E	2.2	1.2	2.2									4.8	4.7
ESE		1.1	1.3									2.2	4.6
SE	1.1	1.2	1.1									4.6	4.6
SSE	1.1	2.7	1.3									5.1	5.5
S	2.1	7.1	3.2	1.3								13.4	5.4
SSW	1.1	3.5	4.3	1.1								9.7	4.9
SW	1.2	3.6	6.5	1.1								12.6	7.1
WSW	1.1	4.6	6.7	2.2								12.6	7.0
W	1.2	3.8	7.2									12.4	6.8
WNW	1.1	1.3	1.1									3.2	5.7
NW	1.1	1.2										2.3	4.7
NNW	1.1		1.3									2.5	4.0
VARBL	4.1	2.1										7.8	3.4
CALM												4.0	
	25.6	39.2	33.6	2.1								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 372

2

ATMOSPHERIC DIVISION
TAC/US
IN BORDER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1100 NAME W. N. RATCHATHAI THAI/USBN STAFF YEARS 56-57 MONTH 11
CLASS ALL SEATED HOURS (L.S.T.) 1500-1700
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	.3									2.2	3.1
NNE	.0	1.1	.3		.3							2.2	4.0
NE		.3	.5									.8	7.3
ENE	.0	.0	1.1									2.4	5.4
E	.0	1.3	.3	.3								2.4	5.6
ESE	1.1	1.2	.0									4.0	4.4
SE	1.0	4.0	.0									6.7	4.0
SSE	1.4	0.1	1.5									10.4	5.6
S	2.1	0.2	2.1									13.4	5.9
SSW	.0	3.2	3.5	.0								8.3	6.8
SW	1.1	3.5	4.8	1.1								10.5	7.2
WSW	1.0	3.2	4.0	.2								9.1	6.4
W	.0	4.3	1.2									9.1	5.0
WNW		1.0	.0									2.1	5.6
NW		1.0	1.0									3.5	6.3
NNW	.0	.3	.0									1.6	5.7
VARBL	.0	2.4										6.4	3.7
CALM												4.0	
	12.1	41.0	30.6	2.4	.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

372

2

DATA PROCESSING DIVISION
TAC/USAF
AIR CENTER EIGHT/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION W. RACHAPATA 1-1A / JOHN R. TAF YEARS 66-67 MONTH Y
STATION NAME W. RACHAPATA 1-1A / JOHN R. TAF CLASS ALL WEATHER HOURS (L.S.T.) 1400-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.1	.3									2.2	3.9
NNE	1.1	1.1	.3									3.0	4.3
NE	.0	1.1	.5	.5								3.0	6.3
ENE	.0		.8									1.3	6.0
E	2.1	2.4	.3	.3								5.6	4.0
ESE	2.5	.3	.5									3.7	3.9
SE	4.0	2.7	.5									7.3	3.7
SSE	5.6	0.2	1.3									13.2	4.2
S	8.0	1.0	2.7	.3								18.5	4.4
SSW	1.1	3.0	3.2	.3								8.3	6.5
SW	.0	4.0	1.9									7.5	5.5
WSW	.0	1.9	.8	.3								3.8	5.7
W	1.0	6.2	.3	.3								8.3	4.6
WNW	.0	.5										1.6	3.7
NW	.0	.3										.8	3.7
NNW	.3	.2	.3	.3								1.6	6.3
VARBL	3.0	.7										4.3	2.8
CALM												9.7	
	36.3	37.9	13.7	2.2								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 172

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION RAICATHAN STATION NAME RAICATHAN YEARS 66-6 MONTH AV
 CLASS ALL HOURS (L.S.T.) 2100-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.7										2.7	2.4
NNE	.7	.3										.3	3.7
NE	1.7	1.1	.6									4.5	4.8
ENE	2.2	1.2	.8									4.6	4.3
E	1.2	2.4	.5									4.6	4.2
ESE	.2	1.3										1.2	4.7
SE	4.2	2.2	.3									1.5	3.2
SSE	0.2	2.2	.8									13.2	3.4
S	0.4	0.1	4.0									21.0	4.3
SSW	2.4	4.6	1.6									8.6	4.9
SW	1.1	2.7	.8	.3								4.6	3.4
WSW		1.1	.8									1.9	6.7
W	1.7	.2	1.1									3.5	4.4
WNW	.2	.5										.5	4.3
NW	1.1	.3										1.3	3.4
NNW		.3										.3	4.0
VARBL	1.7											1.3	2.2
CALM												19.4	
	33.6	33.1	11.6	.3								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
 TAI/OSU
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 61017 STATION NAME U.S. N. RATCHANATHI THAI/OSU RTAFB YEARS 66-67 MONTH JUN
 CLASS ALL WEATHER HOURS 0600-0200
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5		.3									.8	4.7
NNE		.3										.3	4.0
NE			.3									.3	8.0
ENE	.3	.3										.6	3.5
E	1.7	.3										1.5	3.0
ESE	.1			.3								.5	6.3
SE	2.2	.2	.3									3.4	7.7
SSE	3.4	3.6	.8									4.3	3.9
S	12.2	7.2	3.1									22.1	3.8
SSW	4.4	6.9	2.8									14.2	4.7
SW	2.2	7.2	4.7	.3								14.7	5.7
WSW	.1	1.2	1.4	.3								4.4	5.9
W	.5	.6	.8									1.9	5.9
WNW													
NW	.1											.3	2.0
NNW		.2										.3	4.0
VARBL	1.1											1.1	1.1
CALM												23.2	
	32.6	27.2	14.4	.8								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR FORCE SERVICE AGENCY

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4117 STATION NAME 66-67 YEARS MONTH 0300-0500
CLASS ALL-LEAFED
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1											.6	3.0
NNE		.3										.3	4.0
NE	.4											.3	2.0
ENE	.1	.0										1.1	3.8
E	.1	.0										1.1	3.8
ESE	.1	.0	.3									1.4	3.7
SE	.4	.4										7.1	2.5
SSE	.1	.9	.6									10.0	3.3
S	10.6	7.2	1.4									18.2	3.7
SSW	.1	.7	1.7									11.4	4.3
SW	.4	.4	3.3									12.3	5.2
WSW	.1	.4	.3									2.3	5.7
W	1.1	.3										1.9	2.4
WNW	.1			.3								.6	8.3
NW			.2									.6	9.5
NNW		.3										.3	5.0
VARBL	1.1											1.7	2.2
CALM												25.6	
	32.7	22.8	8.6	.3								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0117 STATION NAME N. HATCOAST AFB, TEXAS YEARS 66-67 MONTH JUNE
 CLASS ALL WEATHER HOURS 0600-0300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.4	3.0
NNE												.3	2.0
NE	.1											.3	2.0
ENE	.2		.3									.6	5.5
E	1.1	.3	.3									1.7	3.3
ESE	1.4	1.1										2.5	3.7
SE	2.1	5.0	.3									10.3	3.6
SSE	2.7	3.6	.3									12.0	3.7
S	8.9	6.3	1.1									16.3	3.9
SSW	3.6	2.0	2.2									10.6	4.7
SW	2.2	3.7	6.1									13.1	6.2
WSW	1.5	.0	1.4									3.3	5.1
W	.4	.3	.8	.3								1.7	7.8
WNW	1.1											1.1	2.5
NW	.4											.3	2.0
NNW													
VARBL	2.2	.0										2.8	2.6
CALM												17.0	
	32.0	34.4	22.8	.4								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 302

2

NAVY DISTRICT DIVISION
 1000 E. 10th St. S.W.
 ALBUQUERQUE, N.M.

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1000 E. 10th St. S.W. STATION NAME ALBUQUERQUE YEARS 56-70 MONTH 0900-1100 HOURS (L.S.T.)
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2									.4	3.0
NNE		.1										.3	4.0
NE	.1											.6	3.0
ENE	.1	.3	.3									.8	3.7
E	.1											.9	2.7
ESE	.1	1.1										1.7	3.4
SE	.1	.3										2.2	2.9
SSE	.1	4.4	.6									6.7	4.3
S	.1	5.5	6.4									13.3	6.2
SSW	.3	3.1	0.2	.3								14.7	4.6
SW	1.7	4.2	1.4	1.1								18.3	7.3
WSW	1.1	4.4	10.0	1.4								16.9	7.5
W	1.4	5.0	5.0	.5								11.9	6.5
WNW	.1	.8										1.7	3.7
NW	.1											.3	3.0
NNW	.1	.3										.4	4.0
VARBL	1.1	2.2										3.3	2.0
CALM												4.7	
	10.4	32.8	42.2	3.3								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 301

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
STATION NAME
DATE RECEIVED BY DIVISION

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: STATION NAME YEARS: 1960-1961 MONTH: 1960-1961
CLASS: ALL
CONDITION:
HOURS (L.S.T.):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.2										0.2	4.6
NNE	0.0	0.0	0.0									0.0	4.7
NE	0.0	0.0	0.0									0.0	4.3
ENE	0.0	0.0	0.0									0.0	4.5
E	0.0	0.3										0.3	4.5
ESE	1.0	1.1	0.3									3.3	4.7
SE	1.0	1.7	0.8									3.5	4.4
SSE	2.0	2.2	0.8									5.0	4.4
S	2.0	4.0	2.1	0.1								10.0	5.6
SSW	1.0	4.7	2.6									7.7	5.8
SW	2.0	5.2	2.2	0.3								10.0	6.8
WSW	0.0	2.5	8.9	0.0								15.6	7.1
W	1.0	4.4	5.3									10.8	6.2
WNW	0.0	0.0	1.7									3.1	5.0
NW	1.0	1.1	0.0									2.0	4.9
NNW	1.0	0.2	0.3									2.2	4.0
VARBL	2.0	3.3										5.0	3.5
CALM												4.4	
	21.1	30.1	32.6	0.0								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 350

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 351.

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

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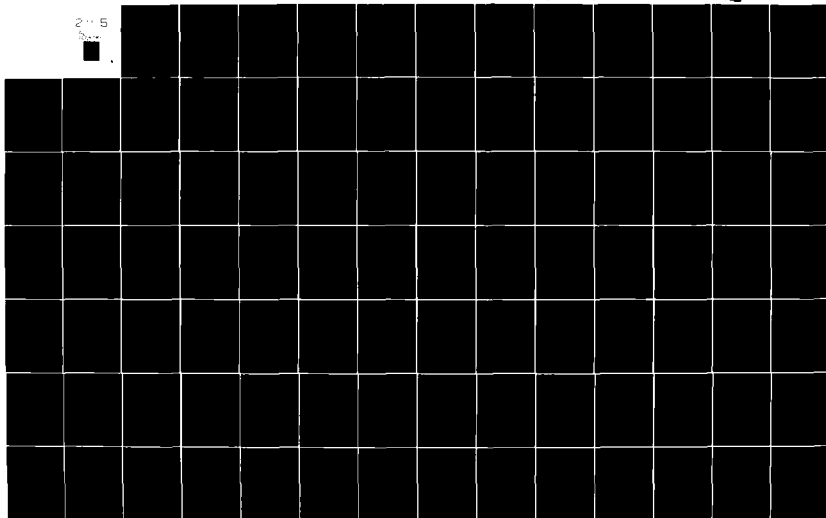
AIJ-A096 961 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
UBON RTAFB, UBON RATCHATHANI, THAILAND. REVISED UNIFORM SUMMARY--ETC
MAR 71

UNCLASSIFIED USAFETAC/DS-81/021

SBIE-AD-E850 028

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2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017
STATIONURON RATCHATHANI THAI/URON RTAFB
STATION NAME66-67
YEARSJUL
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3											.3	2.0
NNE		.3										.3	4.0
NE													
ENE													
E	.5											.5	2.0
ESE	1.9											1.9	2.0
SE	4.3	1.9										6.2	2.8
SSE	2.4	2.7	.3									5.4	3.6
S	10.8	11.3	2.7									24.7	4.1
SSW	2.4	7.8	3.5	.3								14.0	5.4
SW	2.2	7.0	4.8	1.6								15.6	6.6
WSW	.8	2.4	2.4	.5								6.2	6.7
W	1.1	1.6	.3	.3								3.2	5.0
WNW	.3	.3		.3								.8	7.0
NW		.3										.3	4.0
NNW		.3										.3	4.0
VARBL	.5	.3										.8	2.7
CALM												19.6	
	27.4	36.0	14.0	3.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

372

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017
STATIONUBON RATCHATHANI THAI/UBON RTAFB
STATION NAME66-69
YEARSJUL
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5										.5	4.5
NNE													
NE	.3											.3	3.0
ENE	.3		.3									.3	6.5
E	.3	.5	.3									1.3	4.4
ESE	1.5	.5										2.4	2.7
SE	3.5	1.6										5.1	2.9
SSE	9.2	3.8	.3									13.2	3.2
S	9.2	3.9	2.2									17.3	3.6
SSW	2.7	4.9	4.3									11.9	5.5
SW	3.2	5.9	4.0	.3								13.5	5.5
WSW	2.2	1.9	2.7									6.7	5.5
W	1.5	1.1	1.9									4.6	4.7
WNW	.3	.3										.5	3.0
NW			.3									.3	10.0
NNW		.3										.3	3.0
VARBL	2.7											2.7	2.1
CALM												18.9	
	37.5	27.2	16.2	.3								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 371

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/NAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION 0600-0900
UBON RATCHATHANI THAI/UBON RTAFB 66-69 YEARS MONTH NORTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3										.8	4.0
NNE													
NE													
ENE	.8	.3										1.1	2.5
E	.3	1.1										1.3	4.2
ESE	1.3	.8	.3									2.4	3.8
SE	3.0	4.3	.8									8.1	4.3
SSE	7.3	4.0	1.1									12.4	3.8
S	9.4	6.2	1.6									17.2	3.8
SSW	2.4	7.5	3.2									13.2	5.1
SW	2.2	5.9	7.3	.5								15.8	6.5
WSW	.8	3.8	1.3	.3								6.2	5.6
W	1.6	2.2	1.6	.8								6.2	6.3
WNW													
NW													
NNW													
VARBL	1.3	.5										1.8	2.7
CALM												13.4	
	30.9	36.8	17.2	1.6								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017
STATION

UBDN RATCHATHANI THAI/UBDN RTAFB
STATION NAME

66-69
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.3										.3	5.0
NE	.3											.3	2.0
ENE													
E	.3	.2										.8	4.0
ESE	.3	1.2										1.6	4.7
SE	.2	.8	.5									1.9	4.9
SSE	1.0	1.6	1.3									4.6	4.8
S	1.6	4.8	5.1	.5								12.1	6.4
SSW	1.0	6.3	7.8									15.9	6.5
SW	.2	5.9	9.7	3.0								19.1	8.1
WSW	.3	5.4	9.4	2.2								17.2	8.0
W	1.3	3.2	8.9	1.1								14.5	7.6
WNW	.2		.8									1.3	6.4
NW	1.1	.5										1.6	3.0
NNW	.3	.3										.5	4.3
VARBL	1.3	2.2										3.5	3.8
CALM												4.8	
	11.6	33.3	43.5	6.7								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

372

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017
STATIONUBON RATCHATHANI THAI/UBON RTAFB
STATION NAME66-69
YEARSJUL
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.3	3.0
NNE		.8	.3									1.1	5.3
NE	.3											.3	2.0
ENE	.6	.5										1.3	3.2
E		.8										.8	5.7
ESE		.8	.3									1.1	5.3
SE	1.1	1.1	.3									2.4	4.0
SSE	.5	.8	.5									1.9	5.0
S	.3	3.5	3.2	.8								7.8	6.9
SSW	.3	2.7	4.6	.3								7.8	7.0
SW	.8	5.1	7.5	3.0								16.4	7.9
WSW	1.3	4.6	11.8	3.8	.3							21.8	8.2
W	1.4	3.8	15.9	3.0								24.5	8.0
WNW	.5	.5	2.2	.3								3.5	7.5
NW	.3	.5	.5									1.3	5.8
NNW	.3											.3	2.0
VARBL	2.7	1.3										4.0	3.3
CALM												3.5	
	11.3	26.9	47.0	11.0	.3							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

372

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017
STATION

UBON RATCHATHANI THAI/UBON RTAFB
STATION NAME

66-67
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6		.3								3.0	5.1
NNE	.3			.3								.5	7.0
NE													
ENE	.3	.5										.8	4.0
E	.5	1.3										2.2	4.1
ESE	.4	2.4										3.2	4.0
SE	1.2	1.1	.3									2.7	3.7
SSE	1.9	2.7	1.1									5.6	4.3
S	.4	3.0	3.0	.5								7.3	6.6
SSW	1.1	3.3	2.4	.8								7.8	6.4
SW	1.3	4.3	3.4	1.6								12.6	7.2
WSW	.5	6.5	8.6	1.9								17.9	7.5
W	2.2	8.9	8.1	.8								19.9	6.5
WNW	.8	1.9	2.2	.3								5.1	6.0
NW	.3	.8	.3	.3								1.6	6.3
NNW	1.1	.5	.5									2.2	4.6
VARBL	2.2	2.4										4.6	3.5
CALM												3.5	
	16.7	41.4	31.7	6.7								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

372

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION UBON RATCHATHANI THAI/UBON RTAFB 66-69 YEARS JUL MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4											.3	2.0
NNE	.5											.5	2.0
NE	.3	.5										.8	3.3
ENE	.3	.5										.8	4.0
E	1.4	.8	.3									3.0	3.1
ESE	1.4	1.6	.3									3.8	3.7
SE	3.0	1.9										4.8	3.3
SSE	5.1	2.7	1.1	.3								9.1	4.2
S	5.9	6.5	3.5	.3								16.1	4.8
SSW	2.2	7.0	3.6	1.6								16.4	6.7
SW	3.0	9.1	4.0	.8	.3							13.2	6.1
WSW	1.3	2.2	1.3	.5								5.4	6.3
W	2.4	1.9	1.6									5.9	4.6
WNW	1.1	.8	.3	.3								2.4	4.7
NW	.3	.3		.3								1.1	6.3
NNW		.3	.3									.8	6.0
VARBL	2.7	1.3										4.0	3.0
CALM												11.6	
	32.3	33.6	18.3	4.0	.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION UBON RATCHATHANI THAI/UBON RTAFB STATION NAME 06-69 YEARS JUL MONTH
ALL WEATHER CLAS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.5	2.5
NNE													
NE	.3	.3										.5	2.5
ENE		.3										.3	5.0
E	1.1	.3										1.3	3.4
ESE	1.0	.8										2.4	2.8
SE	2.4	1.1	.3									3.8	3.5
SSE	6.7	5.6	.5									12.9	3.5
S	10.8	8.1	2.2	.5								21.5	4.1
SSW	3.2	3.2	8.9	1.1	.3							16.9	6.9
SW	2.4	7.5	4.3	.5								14.8	5.5
WSW	.3	.3	.5									1.1	5.8
W	1.3	1.6	.8									3.8	4.6
WNW													
NW	.3			.3								.5	7.0
NNW	.3	.3										.5	4.0
VARBL	1.2	1.1										2.4	3.1
CALM												16.7	
	32.8	30.4	17.5	2.4	.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 UEN RATCHATHANI THAI/URUN RTAFB 66-69 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4		.3									.5	6.0
NNE			.3									.3	9.0
NE													
ENE	.3											.5	2.0
E	1.1	.3										1.3	3.0
ESE	1.1	.8	.3									2.2	3.9
SE	1.0	.8										2.4	2.9
SSE	3.8	2.7	.3									6.7	3.6
S	12.9	4.8	.5	.3								18.5	3.3
SSW	4.2	9.7	4.3	.3								17.7	5.3
SW	3.8	3.5	7.5	.5								15.3	6.1
WSW	1.6	3.8	3.5	.3								9.1	6.0
W	1.3	1.3	.3									3.0	4.3
WNW													
NW	.3											.3	2.0
NNW	.3	.3										.5	3.3
VARBL	1.0											1.0	2.0
CALM												19.9	
	33.0	20.0	17.2	1.3								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION 08 N RAICHATHANI THAI/UBON RTAFB 66-69 YEARS AUG MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.5											.3	3.0
NE	.5											.3	3.0
ENE	.5	.3										.2	3.0
E	.5	.8										1.6	3.8
ESE	1.1	.3										1.3	2.8
SE	2.4											2.4	2.2
SSE	7.5	2.4										9.9	2.8
S	7.5	6.7	1.6									15.9	3.8
SSW	6.2	6.5	1.9	.3								14.8	4.4
SW	3.2	9.9	2.7	.3								16.1	5.1
WSW	1.1	3.5	2.7									7.3	6.0
W	2.2	1.3	.8									4.3	4.1
WNW	.4	.3										.5	3.0
NW	.5											.2	2.3
NNW			.3									.3	10.0
VARBL	2.2											2.2	2.3
CALM												21.2	
	36.3	32.0	9.9	.5								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41017 UDORN RATCHATHANI THAI/UDORN RTAFB 66-69 YEARS MONTH 306
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.1	.5										.6	4.0
NE	.1	.3										1.1	3.0
ENE	.1	.3										1.1	3.0
E	.1	.3										1.1	2.5
ESE	.1	.3	.3									1.3	3.4
SE	3.2	2.2										5.4	3.2
SSE	6.2	4.0										10.9	3.1
S	9.4	4.6	.3									14.2	3.2
SSW	3.8	9.7	4.8	.3								18.5	3.6
SW	2.4	7.5	7.0									16.9	6.0
WSW	1.1	3.0	2.4									6.7	5.4
W	.4	1.1	1.1									3.0	5.0
WNW	.3	.3										.5	3.5
NW	.3											.5	3.0
NNW	.2											.3	2.0
VARBL	1.4	.8										2.7	3.0
CALM												15.3	
	33.4	34.7	15.9	.3								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
 RTAF/USAF
 AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION 00 N RAICHATHANI TRAI/USAF RTAFB 66-69 YEARS MONTH 0900-1100 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3										.3	4.0
NNE		.3										.3	4.0
NE												.3	2.0
ENE												.5	2.0
E	.2	1.6		.2								2.4	3.2
ESE	1.0	.3	.3									2.2	3.1
SE	1.0	.3	.3									2.7	3.5
SSE	.5	2.7	.3									3.5	4.4
S	1.4	3.5	1.6									6.5	5.1
SSW	.8	2.7	5.7	1.1								10.3	7.7
SW	.8	3.3	16.5	1.9								22.5	8.1
WSW	1.4	4.9	13.0	1.4								20.6	7.6
W	2.2	4.1	9.8	.8								16.8	7.5
WNW	.8	.5										1.4	3.0
NW	.3											.3	2.0
NNW		.3										.3	5.0
VARBL	3.0	3.0										6.0	3.4
CALM												3.0	
	12.1	28.5	47.4	5.4								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 469

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4101/ STATION 4101/ STATION NAME 06-60 YEARS MONTH 06
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2										.8	4.3
NNE	.4											.3	2.0
NE		.3										.3	4.0
ENE			.3									.3	7.0
E	.3	.3										.5	4.0
ESE	.3	.8	.3									1.3	5.0
SE	.3	.5										.8	4.0
SSE		.8	.3									1.1	5.8
S	1.1	1.7	1.3									4.3	5.3
SSW	1.4	1.3	3.8	.2								7.5	6.4
SW	.7	3.0	10.0	.8								14.6	8.1
WSW	1.9	4.0	14.6	3.0								23.5	8.1
W	1.6	7.3	16.2	1.6								26.7	7.5
WNW	.3	1.6	1.6									3.5	6.7
NW	.3	1.3	.8									2.4	5.9
NNW		.3	1.1									1.3	7.2
VARBL	3.6	3.7										8.9	3.6
CALM												1.9	
	12.4	29.6	50.1	5.9								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 371

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017

US N RATCHATHANI THAI/UBON RTAFB

66-67

A G

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	.3									1.6	4.2
NNE	.3	.8										1.3	3.8
NE			.3									.3	10.0
ENE													
E	1.0	.8	.3									2.7	3.8
ESE	.3	.5										1.1	4.0
SE	.3	.3										1.1	3.8
SSE	.3	.3	.5									1.6	4.5
S	3.0	1.1	1.6	.3								5.9	4.9
SSW	1.3	1.3	2.4	.3								5.4	6.5
SW	1.1	4.0	7.5	1.1								13.7	7.3
WSW	.3	3.9	9.9	1.6								18.3	7.4
W	1.0	9.7	15.1	.3								26.6	6.9
WNW	.3	2.7	1.9									5.4	5.7
NW	.3	.3	1.3									2.4	5.8
NNW	.3	.3	.5									1.3	6.0
VARBL	4.3	3.2										7.5	3.3
CALM												3.8	
	18.3	32.8	41.7	3.2								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

372

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION DE N RATCHATHANI THAI/UBON RTAFB CLASS ALL WEATHER MONTH AUG
 YEARS 60-69 HOURS (L.S.T.) 1800-2000

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.3										1.1	2.8
NNE		.3										.5	4.5
NE		.3										.5	4.5
ENE		.2	.3									.8	5.3
E	1.0	.3	.3									2.2	3.5
ESE	2.4	.3										3.0	2.7
SE	1.1	.8										1.9	3.1
SSE	1.4	4.6										6.5	4.0
S	6.5	2.1	1.9	.3								14.0	4.4
SSW	4.6	6.5	1.9									12.9	4.6
SW	3.2	9.2	3.0	.3								16.2	5.3
WSW	1.3	4.6	1.6	.3								8.1	5.6
W	2.7	4.3	2.4	.3		.3						10.2	5.8
WNW	.3	.4		.3								1.1	5.3
NW	1.1	.3	.3									1.6	4.0
NNW	.3											.3	3.0
VARBL	1.3	.3										1.6	2.3
CALM												17.5	
	29.9	38.5	11.6	2.4		.3						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 371

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION UBDN RATCHATHANI THAI/UBDN KTAFB 66-68 YEARS 100 MONTHS 2100-2300
STATION NAME ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5											.5	3.0
NNE	.3	.3										.5	3.5
NE	.5											.3	3.0
ENE	.5											.5	2.0
E	1.1											1.1	2.0
ESE	.5	.3										.8	3.0
SE	4.0	2.2										6.2	3.2
SSE	3.2	2.2	.3									5.7	3.3
S	11.1	8.1	1.1									20.2	3.6
SSW	6.2	7.5	4.6									18.3	4.9
SW	2.4	5.1	6.5									14.0	6.2
WSW	.5	2.2	1.6									4.3	5.9
W	1.9	.5	.5									3.0	4.4
WNW	.3	.3	.5									1.1	5.8
NW	.5	.3										.8	3.0
NNW													
VARBL	1.1	.3										1.3	2.4
CALM												21.0	
	34.8	29.1	15.1									100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 371

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41017 STATION NAME S. RATCHATHANI THAI/USAF RTAFB YEARS 66-69 MONTH S P
 CLASS ALL WEATHER 0000-0200
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	3.1	.3									5.6	4.0
NNE	2.6	2.5	.8									7.1	4.4
NE	1.4	.6	.3									2.7	3.8
ENE	1.1	.3										1.4	3.0
E	2.5	1.1										3.4	3.2
ESE	.5	.8	.6									2.2	4.3
SE	1.4	.6	.3									2.3	3.4
SSE	2.0	1.1										4.7	2.8
S	4.7	2.8	.6									8.1	3.6
SSW	1.4	2.2	1.4									5.0	5.2
SW	4.4	3.3	.8									8.5	3.8
WSW	1.4	3.3	.8									6.1	4.5
W	1.1	1.7	.3									3.1	4.1
WNW	.8	.3										1.1	2.8
NW	.6	.3										.8	3.0
NNW	1.1											1.1	2.0
VARBL	1.4	.3										2.2	2.3
CALM												33.3	
	33.4	26.7	6.1									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 160

2

DATA PROCESSING DIVISION
 STAC/USAF
 AIR-PORTER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

51017
 STATION

LAKE RICHMOND LAKE/COGN STATE

60-00

YEARS

SEP

MONTH

ALL SEAS
 CLASS

0300-0500
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7										3.3	3.4
NNE	2.0	4.4	1.3									10.7	3.5
NE	1.7	1.1										2.8	3.1
ENE	1.7	1.0										2.5	3.0
E	1.7	1.3										1.9	2.7
ESE	1.7	1.0	1.1			1.3						3.1	3.1
SE	1.7	1.3	1.1									2.5	2.9
SSE	4.4	1.1										5.3	2.8
S	3.1	2.1										6.1	3.4
SSW	1.7	2.2	1.1									5.3	4.6
SW	2.0	4.2	1.4	1.3								9.7	4.0
WSW	1.9	1.9	1.7									5.0	3.4
W	2.2	1.9	1.3									4.2	3.3
WNW		1.3		1.3								1.6	3.2
NW	1.5	1.3										2.8	3.0
NNW	1.2											1.3	2.0
VARBL	1.4	1.3										1.7	2.8
CALM												14.7	
	37.2	21.9	9.3	1.3		1.3						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

360

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION UDORN KATCHATHANI THAI/UDORN RTAFB 66-69 YEARS SFP
 CLASS ALL WEATHER MONTH 0600-0800
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.5	.0										3.1	3.1
NNE	2.2	2.5	1.9									6.9	4.6
NE	1.4	3.0	1.4									6.4	4.8
ENE	1.9	2.0	.3									5.0	3.9
E	.5	.3										1.7	3.4
ESE	2.5	1.1	.3									3.9	3.2
SE	2.5	1.4	.3									4.2	3.7
SSE	3.5	2.5		.2								6.1	3.7
S	3.1	1.9										5.0	3.1
SSW	3.6	1.9	.0									6.4	3.7
SW	1.7	4.4	.0	.3								7.2	4.9
WSW	1.7	2.5	2.2	.3								6.7	4.0
W	2.5	3.3	.0	.3								6.9	4.6
WNW		.0	.3									.8	6.0
NW	1.1	.5										1.7	2.7
NNW	1.4											1.4	2.0
VARBL	2.5	.0										3.6	2.8
CALM												23.1	
	35.3	31.4	9.2	1.1								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION 080N RATCHATHANI THAI/UBON RTAFB 66-69 YEARS 567 MONTH
 CLASS ALL WEATHER 0900-1100
 CONDITION HOURS (L & Y)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.8	.8									4.7	5.2
NNE	.5	1.9	.6									3.3	4.2
NE	1.1	3.1	2.2	.3								6.7	5.9
ENE	1.7	2.6	1.4									4.8	4.9
E	1.1	1.1										2.2	3.5
ESE	.5	1.9	.6									3.1	4.8
SE	1.1	1.1	1.4									3.6	5.4
SSE	1.1	1.1	.6									2.8	4.5
S	1.4	1.9	1.1									4.4	4.8
SSW	1.7	3.3	.8									5.8	6.8
SW	1.7	4.4	3.9	.4								10.3	5.8
WSW	1.9	2.8	4.2	.6								9.4	6.3
W	1.7	3.3	4.4	.3								10.0	6.2
WNW		.8										.8	5.3
NW	1.1	.6										1.7	3.3
NNW	.6	.8	.6									2.2	4.3
VARBL	0.4	2.0										11.4	3.3
CALM												11.7	
	23.0	34.9	22.5	1.4								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 360

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

4017 43 N RAICHATHANI TRAI/COUS STAFF 56-59 SEP
STATION STATION NAME YEARS MONTH
ALL NIGHTS 1200=1400
CLASS HOURS (L.S.T.)

CONDITION

[illegible]**TOTAL NUMBER OF OBSERVATIONS**

16C

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 61017 STATION NAME U-11 RATCHATHANI THAI/USAF YEARS 66-67 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.3	2.2									10.0	5.0
NNE	1.5	4.2	3.3									9.4	5.6
NE	.5	1.4	1.1									3.1	5.6
ENE	1.4	.3	.3									1.9	3.3
E	1.4	1.1										2.5	3.2
ESE	.5	2.2	.6									3.6	5.1
SE	.5											.8	1.7
SSE	1.7	1.7	.3									3.6	3.8
S	1.1	1.4	.6									3.1	4.1
SSW	1.1	2.2	.8									4.2	4.7
SW	1.1	1.9	1.1									4.2	4.9
WSW	1.4	3.6	3.3	1.1								9.4	6.4
W	2.4	4.7	3.9	.3								11.7	5.7
WNW	.3	2.5	1.1	.3								4.2	6.1
NW	2.2	1.4	1.1									4.7	4.3
NNW	1.1	2.5										3.6	4.2
VARBL	5.3	3.3										8.6	3.2
CALM												11.4	
	27.2	39.7	19.7	1.7								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1017 STATION UON RATCHATHANI THAI/UBON RTAFB 06-61 YEARS SEP MONTH
 1500-2000 HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	3.3										8.6	3.2
NNE	3.1	4.2	1.1	.3								8.6	4.7
NE	1.1	1.1	.3									2.5	4.3
ENE	.6	.3										.8	3.0
E	1.4	.8	.3									3.1	3.5
ESE	1.4	1.1	.6									3.6	3.9
SE	2.2	2.5	.6									5.3	4.1
SSE	3.4	3.1										6.9	3.1
S	6.4	1.9	1.1									9.4	3.7
SSW	1.7	.8	.6									3.1	3.7
SW	.8	3.6	.8									5.3	4.9
WSW	1.4	.3	1.1									2.8	5.1
W	3.3	2.2	.6									6.1	3.4
WNW	.3	.6										1.4	3.8
NW	1.1	.6	.3									1.9	3.6
NNW	1.1											1.1	2.3
VARBL	2.2											2.5	2.0
CALM												26.9	
	39.2	26.4	7.2	.3								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1017 STATION NAME U N RATCHATHANI THAI/UNHUN RTAFB YEARS 66-69 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.2	1.7									6.7	4.5
NNE	1.4	4.4	2.2									8.1	5.4
NE	1.1	.3	.6									1.9	4.9
ENE												.8	2.7
E	1.9	.3										2.2	2.3
ESE	2.2	1.7	.3									4.2	3.7
SE	1.9	1.4										3.3	3.2
SSE	4.4	1.4										5.8	2.7
S	2.2	1.7	.3									4.4	3.4
SSW	2.2	1.9	1.7									5.8	4.6
SW	2.2	3.1	1.9									7.2	4.7
WSW	1.4	1.4	1.4	.3								4.4	6.1
W	1.1	1.1										4.2	2.9
WNW	.8	.3										1.1	3.0
NW	.8											.8	2.7
NNW	1.1											1.1	3.0
VARBL	2.2	.3										2.8	2.0
CALM												34.7	
	33.0	21.4	10.0	.3								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 61017 STATION NAME KATCHATHANI TRAI/UGDN RTAFB YEARS 66-69 MONTH 01
 CLASS ALL SEATERS 0000-0200
 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	0.3	2.7	.3								22.3	4.0
NNE	7.2	23.4	2.4	.5								36.8	5.0
NE	3.0	3.6	1.1									7.3	4.4
ENE	1.1	1.1										2.2	3.5
E	1.9			.3								2.2	3.1
ESE	.2	.3										.4	3.0
SE	.2	.3										.8	2.7
SSE	1.1	.3										1.3	2.4
S	1.1	.3										1.3	2.0
SSW	1.2	.3										1.6	2.5
SW	.3	1.3										1.9	4.0
WSW		.3										.5	4.0
W	1.1	.3										1.3	2.4
WNW	.5	.3										1.3	3.0
NW	.2											.5	2.5
NNW	1.1	1.1										2.2	3.1
VARBL	.7	.3										1.1	3.0
CALM												13.4	
	34.4	41.9	4.1	1.1								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 61017 STATION NAME UN N KATKATHAN THAI/UBIJN STAFF YEARS 66-67 MONTH CT
 CLASS ALL WEATHER HOURS (L.S.T.) 0100-0900
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	7.0	2.2	.3								16.4	4.3
NNE	14.5	16.0	3.2									36.7	4.1
NE	6.4	7.4	.8									10.5	4.1
ENE	1.1	1.5										3.0	4.1
E	2.6	.7	.3									3.6	3.2
ESE	.7											1.2	2.3
SE	1.1											1.1	2.0
SSE	1.7	.3										2.2	2.8
S	1.1	.3										1.3	2.8
SSW	.7	.5										1.3	2.8
SW	1.2	.5										1.9	2.9
WSW	.3											.3	2.0
W	.4	.3										.5	3.5
WNW													
NW	.7		.3									.7	3.3
NNW	1.1	.3										1.6	3.2
VARBL	.4											.3	3.0
CALM												18.3	
	39.8	34.9	9.7	.3								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 51017 STATION NAME STATION KATGATHA I TAF/USAF YEARS 66-67 MONTH CT
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0900
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	0.1	3.2	.2								13.7	3.5
NNE	0.0	1.0	0.5									30.6	4.9
NE	3.0	7.8	4.1									15.9	5.2
ENE	3.1	2.7	.3									6.2	3.7
E	2.7	1.1										3.8	2.9
ESE	1.6	.5	.3									2.4	3.4
SE	1.1	1.3										2.4	3.9
SSE	.4	.2	.3									2.7	3.4
S	.2	.2	.3									1.3	4.4
SSW		.2	.2									.8	5.7
SW		.2										.5	4.0
WSW													
W	.2	.3										.8	3.7
WNW	.2											.5	2.0
NW		.2	.3									.8	3.0
NNW	.0	.2										1.3	2.8
VARBL	2.6	.2										2.7	2.2
CALM												13.4	
	24.0	41.1	15.3	.2								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION ON N RATCHATHANI THAI/ORDN RTAFB 06-67 YEARS CT
MONTH 0100-1100
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.0	2.2	.5								7.8	6.4
NNE	1.1	5.6	11.0	2.7								20.4	7.2
NE	1.1	5.4	8.1	1.9								16.4	7.5
ENE	3.2	4.8	2.7	.3								11.0	5.5
E	1.0	3.0	1.3									5.9	5.0
ESE	1.3	1.6	.3									3.2	3.8
SE	.5	1.3	.8									3.0	5.3
SSE	1.5	2.4										4.0	3.9
S	.5	1.3	.5									2.4	5.0
SSW	.5	1.1	.5									2.2	4.9
SW		.8	.5									1.3	5.4
WSW		.5										.5	4.0
W	.5	1.1	.5									2.4	4.8
WNW	.5	.3	.3									.8	4.7
NW	.5		.3									.3	4.0
NNW		1.1	.3									1.3	5.4
VARBL	4.3	6.2										10.5	3.8
CALM												5.9	
	10.0	40.6	29.3	5.4								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
 AFAC/USAF
 WFO/AFAC/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: RAICHATHANI THAI/1804 RTAFB YEARS: 66-67 MONTH: NOV
 CLASS: ALL WEATHER HOURS (L.S.T.): 1200-1400
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	5.0	.3								11.0	4.5
NNE	1.0	6.7	11.8	1.0		.3						22.0	7.5
NE	.3	4.0	7.0	1.0	.3							13.2	4.3
ENE	1.0	3.0	2.4	.3								7.3	6.4
E	1.1	2.2	1.1									4.3	4.9
ESE	.3	1.1										1.0	3.4
SE	1.1	1.0	.8									3.5	4.6
SSE	1.1	.4	1.1									3.0	5.1
S		1.0	.8									2.4	5.3
SSW	.5	.3	.8									1.6	6.0
SW	.2	.3	1.1									1.6	7.2
WSW	.3	1.9	.3									3.0	6.9
W	1.3	1.0	.5									3.5	4.5
WNW	.8	.8	.5									2.2	4.4
NW	1.9	1.1										3.0	3.3
NNW	1.1	1.3	1.0									4.0	5.3
VARBL	5.4	5.4										10.8	3.7
CALM												1.4	
	21.8	36.0	35.8	4.0	.3	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

372

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017
 STATION

ON N RATCHATHANI THAI/UBON RTAFB
 STATION NAME

66-67
 YEARS

U.T
 NORTH

ALL WEATHER
 CLASS

1500-1700
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	7.8	7.0	.8								18.3	6.2
NNE	2.4	9.4	15.1	3.0								29.8	7.3
NE		3.5	5.6	1.1								10.2	7.9
ENE	.8	1.3	1.9	.3								4.3	6.4
E	1.1	.5										1.6	3.3
ESE	.5	.5										.8	4.0
SE	.5	1.1	.3									2.2	4.8
SSE	1.1	.3										1.3	2.8
S	.5	1.3	1.1									3.0	5.5
SSW	.5	.5	.8	.3								2.4	6.0
SW	.5	1.1										1.6	3.8
WSW	.5	.8	.5									1.9	3.3
W	.2	1.9	.8									3.2	5.0
WNW	.3	1.3										1.6	4.7
NW	.5	.5	.3									1.3	4.4
NNW	1.6	1.6	.5									3.8	4.4
VARBL	4.0	4.0										8.1	3.8
CALM												4.6	
	18.2	37.6	33.9	5.4								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

372

2

DATA PROCESSING DIVISION
 FTAG/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017
 STATION

UON RATCHATHANI THAI/UDON RTAFB
 STATION NAME

66-67
 YEARS

1
 MONTH

ALL WEATHER
 CLASS

1200-2000
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	8.2	2.9	2.2									16.4	4.0
NNE	4.0	14.8	12.9	.5								32.8	6.1
NE	2.4	5.1	3.5	.3								11.3	5.8
ENE	1.6	.5	.3									2.4	3.3
E	.2	.5										1.1	3.3
ESE	.2	.3										.8	3.7
SE	.2	.8										1.1	3.5
SSE	.8	.2										1.1	3.0
S	1.6	.5	.2									2.7	4.2
SSW	.2	1.9										2.7	3.6
SW	1.1	.5	.3									1.9	3.4
WSW	.2	.3										.5	2.5
W	2.2	.3										2.4	2.8
WNW	.2	.5										1.3	3.2
NW	1.1	.8										1.9	3.3
NNW	2.2	.2										2.7	2.7
VARBL	1.2	.8										2.2	3.1
CALM												14.5	
	30.4	34.7	19.6	.8								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

372

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION 00 N RAICHATHAN, THAI/USON HTAFS 66-69 YEARS
 ALL WEATHER CLASS
 CONDITION
 NORTH
 2100-2300
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.7	6.9	3.5	.3								19.4	4.7
NNE	4.0	19.9	11.8	.3								36.6	5.8
NE	1.4	4.0	1.9									7.8	4.9
ENE	.4	.5										.8	3.7
E	.5	.3	.3									1.3	4.4
ESE	1.1	.3										1.3	2.4
SE	.3											.3	3.0
SSE	1.0											1.6	2.3
S	.8	.2										1.3	3.0
SSW	.2	.2										1.1	3.3
SW	1.1	.2										1.6	3.3
WSW		.2										.5	3.5
W	.4	1.2										2.2	3.8
WNW	.3											.8	2.7
NW	1.1											1.1	2.3
NNW	1.0	.8										2.4	2.9
VARBL	.4											.8	2.3
CALM												19.1	
	24.7	28.2	17.5	.3								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION UBON RATCHATHANI THAI/UBON RTAFB 66-69 YEARS 0000-0200 MONTH 0000-0200 HOURS (L.S.T.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.1	4.7	3.6									14.4	4.7
NNE	11.1	29.4	19.2	1.9								61.7	5.8
NE	1.9	1.7	1.1	.3								5.0	3.4
ENE	.5											.8	2.0
E	.6	.3										.8	2.7
ESE	.3											.3	3.0
SE													
SSE													
S													
SSW													
SW	.3											.3	2.0
WSW													
W													
WNW	.3											.3	1.0
NW													
NNW	.6											.6	2.0
VARBL	.6											.6	2.0
CALM												13.3	
	22.5	36.1	23.9	2.2								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41017 STATION NAME U-11 KATCHATHANI THAI/UBON RTAFB YEARS 66-67 MONTH NOV
CLASS ALL WEATHER HOURS (LST) 0300-0900
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	9.7	0.3	3.1									21.1	4.2
NNE	13.9	21.7	14.7	1.7								51.7	9.2
NE	3.9	3.6	.6									8.1	3.8
ENE	.0	.3	.3	.3								1.4	6.2
E	1.1		.3									1.4	3.8
ESE	.3											.3	2.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW	.3											.3	2.0
NNW	.4											.4	2.3
VARBL	.4											.4	2.0
CALM												13.9	
	31.4	33.9	18.9	1.9								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41017 STATION NAME N HATCHMAN I-11/USAF STAFF 56-04 YEARS MONTHS 12 HOURS 0800
CLASS ALL CLASSES CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	7.8	1.9									12.5	4.9
NNE	0.4	19.3	10.7	1.9								48.3	6.0
NE	0.4	5.6	5.6									17.8	5.3
ENE	1.9	2.5	0.6									5.3	4.3
E	0.4	0.6										1.0	4.0
ESE	0.4	0.3	0.4									1.4	7.6
SE	0.4											0.3	2.0
SSE	0.4											0.3	2.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	0.2	0.3										0.6	2.5
VARBL	0.4	0.6										1.4	3.6
CALM												11.4	
	21.7	37.3	27.6	1.9								100.0	4.9
TOTAL NUMBER OF OBSERVATIONS													159

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

<u>STATION</u>	<u>KR-5 KRICATHAI THAI/CHUN RTAFB</u>	<u>66-67</u>	<u>YEARS</u>	<u>MONTH</u>
<u>CLASS</u>	<u>ALL WEAT FR</u>	<u>0900-1100</u>	<u>HOURS (L & T)</u>	
<u>CONDITION</u>				

[illegible]

TOTAL NUMBER OF OBSERVATIONS

345

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIRCRAFT SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1117 STATION NAME BAN HAT CHATHANI THAI/USAF RTAFB YEARS 66-69
 CLASS ALL WINDS MONTH NORTH
 HOURS 1200-1400
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	4.4	1.1	1.1								14.2	5.7
NNE	1.7	3.3	2.8	2.1	.6							27.2	8.7
NE	.0	4.4	2.0	3.3								18.9	3.4
ENE	.3	3.9	2.0	.0								7.5	6.7
E	1.4	1.7	.8	.0								3.9	4.1
ESE	.0	.7	.0	.0								2.7	5.4
SE	.1		.3									.0	6.0
SSE												.3	4.0
S	1.1	1.2										1.9	3.7
SSW	.2	.5										1.4	3.6
SW													
WSW	.1	.3										.6	3.5
W	.1											.6	3.0
WNW	.3	.0										.8	4.3
NW	.5		.3									1.1	4.5
NNW	.3	1.7	.8									2.7	5.5
VARBL	6.7	2.0	.3									12.5	3.4
CALM												.0	
	10.4	28.2	40.3	10.2	.6							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

161

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41517 STATION NAME RATCHATHANI THAI/UBON RTAFB YEARS 66-69 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.2	12.8	1.7								24.4	6.6
NNE	2.2	2.3	21.4	7.6	.3							36.9	8.8
NE	2.2	3.9	4.7	1.7								12.2	7.3
ENE	1.1	.6	2.2	.3								4.2	4.4
E	.2	.6	.3									1.1	5.5
ESE	.2	.3										.6	3.5
SE	.2	.3										.6	3.5
SSE	.2											.4	2.0
S													
SSW													
SW		.3										.3	4.0
WSW	.2											.6	2.0
W	.2	.2	.3									1.7	4.0
WNW	.2											.3	3.0
NW	.0	.2										1.7	3.8
NNW	1.2	2.1	1.1									6.1	5.1
VARBL	3.9	2.1										6.7	3.3
CALM												2.7	
	18.1	21.2	40.8	11.4	.3							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 160

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION US N KATCHATHANI THAI/USON RTAFB 66-62 YEARS ALL WEATHER MONTH 1400-2000
 CLASS CONDITION
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.5	22.8	4.2									34.4	4.6
NNE	1.7	10.6	23.0	4.2								40.3	7.8
NE	.0	.8	2.8	1.1								4.3	4.3
ENE													
E	.3	.3										.6	3.5
ESE		.3										.3	4.0
SE													
SSE	.3	.3										.6	3.0
S	.3											.3	2.0
SSW													
SW	.3											.3	3.0
WSW	.3											.6	3.0
W	.3											.6	1.5
WNW	.3											.3	3.0
NW	1.4	.3										1.7	2.5
NNW	.3		.3									1.1	3.3
VARBL	1.4	.3										1.7	2.5
CALM												12.2	
	10.1	32.6	30.8	5.3								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
STAG/USAF
AIR WEATHER SERVICE/NAF

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1117 STATION NAME RAIGATHA-1 TAI/UBUN STAGS 66-67 YEARS MONTH 5
CLASS ALL WEATHERS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	7.8	4.7	1.1								18.1	5.5
NNE	3.3	21.1	29.7	4.4								50.2	7.1
NE	1.6	3.6	3.3	1.3								7.5	6.3
ENE	1.1	1.3	1.6									3.9	4.0
E	1.1											1.1	2.0
ESE	1.1											1.1	1.0
SE													
SSE													
S													
SSW	1.1											1.1	1.0
SW													
WSW	1.1	1.3										1.6	1.5
W													
WNW													
NW	1.1											1.1	2.0
NNW	1.1											1.1	2.0
VARBL	1.1											1.1	2.0
CALM												11.2	
	11.1	33.9	38.3	2.1								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 360

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11017 STATION NAME W. N. RATCHATHALLI LAI/URON KTAIR YEARS 01-6 MONTH 01
 CLASS ALL HOURS (L.S.T.) 0000-0700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	4.1	2.6	1.6								21.8	5.0
NNE	13.4	10.2	14.9	1.7								46.3	5.6
NE	3.2	1.1	2.2	.2								6.7	5.1
ENE	.4											.4	3.0
E	.4	.2										.6	2.7
ESE	.2											.2	3.0
SE	.4	.2										.6	3.3
SSE													
S													
SSW	.2											.2	3.0
SW													
WSW													
W													
WNW	.2											.2	1.0
NW													
NNW													
VARBL	.2											.2	1.0
CALM												22.8	
	25.4	20.7	22.6	2.4								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 464

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 61017 STATION NAME GUERNICATHANI THAI/UBON RTAFB YEARS 65-67 MONTH DEC
 CLASS ALL WEATHER HOURS 0400-0500
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.7	0.2	2.4	0.2								15.5	4.4
NNE	15.1	13.3	14.2	1.7								44.3	5.4
NE	3.6	2.2	1.1									6.7	4.3
ENE	.4	.4										1.3	2.4
E	.2											.2	1.0
ESE		.2										.2	4.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW		.2										.2	4.0
NW	.2											.2	2.0
NNW	.2											.2	2.0
VARBL	1.1											1.1	2.5
CALM												30.1	
	21.1	22.6	17.6	1.9								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 105

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

61-17 STATION 61-17 RATCHATHANI THAI/USON RTAFB 65-65 YEARS 0FC MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.1	4.5	3.2	.2								15.1	4.5
NNE	4.7	19.5	14.4	1.7								41.3	5.9
NE	4.1	4.9	2.2									11.2	4.7
ENE	4.4	1.3										4.7	3.0
E	2.2	.2	.2									2.6	2.6
ESE													
SE		.2										.2	4.0
SSE	.2											.2	2.0
S		.2										.2	4.0
SSW													
SW													
WSW													
W													
WNW	.4											.4	2.0
NW	.2											.2	3.0
NNW	.4											.4	2.5
VARBL	1.1											1.1	2.4
CALM												22.4	
	28.8	28.9	20.0	1.4								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 465

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION 06 N RATCHATHANI THAI/USON RTAFB 65-69 YEARS REC MONTH
0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	1.7	.2								7.3	5.7
NNE	1.7	8.0	12.9	5.2								27.7	8.3
NE	2.0	6.0	8.4	3.2								20.2	7.4
ENE	3.2	4.5	3.0									10.8	5.2
E	4.3	2.8	1.3									8.4	3.9
ESE	.9	.0										1.5	3.6
SE	.6	.4										1.5	5.1
SSE	.0	.2										.9	3.3
S	.6	.2	.4									1.3	4.2
SSW	.6		.2									.4	3.0
SW	.6											.2	3.0
WSW		.2										.2	4.0
W	.2											.2	2.0
WNW	.2											.2	3.0
NW													
NNW	.2	.4										.6	5.0
VARBL	3.4	3.9										7.7	3.3
CALM												10.3	
	21.1	31.2	28.4	8.6								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

465

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41017 STATION NAME MR N RATCHATHANI THAI/UBON RTAFB YEARS 65-67 MONTH DEC
 CLASS ALL WEATHER 1200-1400
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.8	4.3	.4								13.1	3.9
NNE	1.4	4.3	12.9	4.9								24.1	4.5
NE	3.0	3.7	6.2	4.1								17.0	7.8
ENE	3.0	1.3	2.6	.4								7.3	5.4
E	.0	2.2	.2									3.0	4.6
ESE	.4	.9	.4									2.2	4.3
SE	.2	.4										.6	4.7
SSE	.4	.2										.6	2.7
S	.6	.4										.6	4.3
SSW	.2											.2	3.0
SW													
WSW	.2											.2	3.0
W	.2	.4	.2									.9	3.3
WNW	.2	.0										.9	4.0
NW	.2	.9										1.1	4.6
NNW	.0	1.1	1.3									3.0	5.1
VARBL	6.4	7.5										14.4	3.6
CALM												10.8	
	21.2	29.7	28.2	9.9								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

465

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION 06 N RATCHATHANI THAI/UBON RTAFB 65-05 YEARS DEC MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.4	9.2	.9								21.7	5.2
NNE	3.2	8.6	13.3	6.2	.2							31.6	8.0
NE	1.9	4.1	4.1	2.1								12.6	7.4
ENE	1.7	1.3	.4									3.4	3.8
E	.9	.9										1.7	3.3
ESE	.4	.2										.6	3.3
SE													
SSE	.4											.4	2.5
S		.2										.2	4.0
SSW													
SW	.2											.2	2.0
WSW	.6	.6	.2									1.5	3.9
W	1.1	.2										1.3	2.3
WNW													
NW	.1	.4										1.1	3.4
NNW	1.7	3.2	1.1									6.0	4.5
VARBL	4.7	4.5										9.2	3.3
CALM												7.7	
	20.4	32.7	28.6	9.9	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 465

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017 STATION WIND RATCHATHANI THAI/USON RTAFB 65-66 MONTH DEC
1600-2000
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	3.0	.2								25.4	4.2
NNE	5.2	11.6	19.8	5.6	.2							41.7	7.6
NE	.2	1.1	.6	.0	.2							3.4	7.1
ENE	.2											.2	3.0
E													
ESE													
SE													
SSE													
S	.2											.2	3.0
SSW													
SW													
WSW													
W	.2	.2										.6	3.3
WNW	.2											.2	3.0
NW	.2											.2	2.0
NNW	.2	.4										1.3	2.8
VARBL	1.2	.2										1.7	2.1
CALM												24.9	
	20.4	24.3	23.4	6.2	.9							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

465

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/1AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41017 STATION 08 N HATCHATHANI TRAI/UBON RTAFB 65-62 YEARS 11 MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	7.5	4.1	.4								15.8	5.3
NNE	4.7	20.0	13.2	4.3								52.3	6.9
NE	2.2	1.7	1.9	1.1								6.9	6.6
ENE	.4			.2								.6	6.0
E	.7	.2										.4	3.3
ESE													
SE	.7											.2	2.0
SSE		.6										.2	4.0
S			.2									.2	8.0
SSW													
SW													
WSW													
W	.6											.2	2.0
WNW													
NW	.4											.4	2.0
NNW	.2											.2	3.0
VARBL	1.3											1.3	1.4
CALM												21.5	
	13.3	29.7	29.5	6.0								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 465

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41017
 STATION

US N RATCHATHANI THAI/USN RTAFB
 STATION NAME

56-70
 YEARS

ALL
 MONTH

INSTRUMENT
 CLASS

ALL
 HOURS (LST)

CIG 200 TO 1400 FT 1/2 VSEY 1/2 MI OR MORE

CONDITION

AND/OR VSEY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	.3	.1								3.0	4.5
NNE	.2	.9	.8									2.5	5.4
NE	1.4	1.1	.3									2.7	4.3
ENE	.7	1.4	.3	.1	.1							2.0	5.4
E	2.3	2.3	1.2	.1								5.9	4.9
ESE	1.1	1.9	1.4	.3		.1						4.7	6.3
SE	2.0	3.4	1.2									7.7	4.5
SSE	1.5	3.2	1.1	.3								6.4	5.1
S	2.7	4.1	2.7									9.5	5.2
SSW	.9	2.3	1.5	.1	.1							5.0	5.9
SW	1.6	3.1	2.8	.1								7.3	6.0
WSW	1.6	2.2	3.1	1.9	.1							10.5	8.1
W	1.7	1.9	4.1	1.1		.1						9.1	7.0
WNW	.4	1.2	1.1	.4								3.1	7.1
NW	.1	.4	.9	.3								1.9	7.4
NNW	.2	.5	.4									1.5	5.2
VARBL	2.7	.3										2.8	2.7
CALM												14.1	
	23.1	32.2	25.1	4.9	.4	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

740

AIR FORCE WEATHER SERVICE
HEADQUARTERS
AIR WEATHER SERVICE (WFO)
ASHEVILLE, NORTH CAROLINA

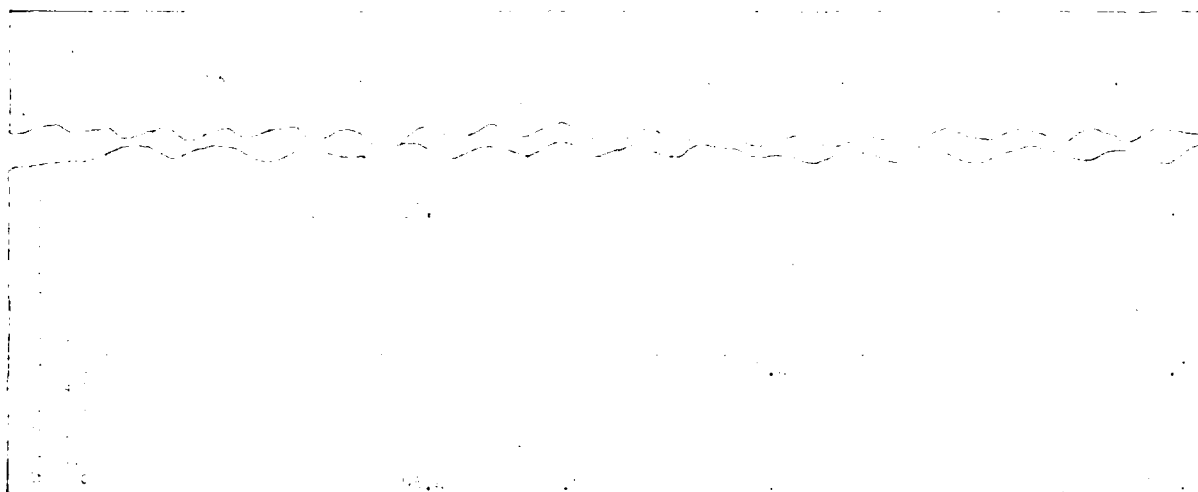
PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 5/10 or more, but not more than 1/2 of the sky cover is opaque.



EXAMPLE # 1 From station 100+00, the sight line is 100 feet above the ground. From the station, the sight line is 100 feet above the ground. The sight line is 100 feet above the ground.

EXAMPLE # 2 From station 100+00, the sight line is 100 feet above the ground. From the station, the sight line is 100 feet above the ground. The sight line is 100 feet above the ground.

EXAMPLE # 3 To obtain a calculation of sight line, the sight line is 100 feet above the ground. The sight line is 100 feet above the ground. The sight line is 100 feet above the ground.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100.0.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.
Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.
The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4. Thus, 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 1500 feet, but < 500 feet with visibility ≥ 1 mile."

Since the data are prepared in several ways including by month, by 3-hour groups it is possible to determine seasonal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION
 USAF FTA
 AIRCRAFT SERVICE/AC

CEILING VERSUS VISIBILITY

9111/ STATION NAME: HANCOCK AFB, MISSISSIPPI
 02-70 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .06	≥ .03
NO CEILING	55.1	55.1	55.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	66.6	66.6	66.6	69.7	69.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	66.6	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2000	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1000	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 500	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 200	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 100	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 50	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 20	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 5	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ .75	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ .5	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ .25	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ .16	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ .1	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ .06	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ .03	66.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6

TOTAL NUMBER OF OBSERVATIONS 3721

CEILING VERSUS VISIBILITY

SECRET - NOFORN A CONFIDENTIAL INFORMATION SOURCE OF THE FBI 06-77
CLASSIFICATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

372

USAFITA

6.14 SOL 11: $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{8}$ OF THIS FORM ARE CUBIC FEET

DATA FOR LESSON 10
USAFETAC
12-10-54

CEILING VERSUS VISIBILITY

61017 N. PAC. AIRC. AT 1000 1000 60-70

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO CEILING	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 20000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 18000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 16000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 14000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 12000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1200	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 900	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 800	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 700	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 600	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 500	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 400	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 300	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 200	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 100	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9

TOTAL NUMBER OF OBSERVATIONS 3313

DATA FROM THE DIVISION
OF THE
OFFICE OF THE DIRECTOR

CEILING VERSUS VISIBILITY

STATION NAME: RAICHAMAT DATE: 1/1/50 YEAR: 1950

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .025	≥ 0
NO CEILING	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 20000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2500	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1500	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1200	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1000	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 900	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 800	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 700	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 600	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 500	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 400	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 300	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 200	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 100	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 0	73.3	71.1	75.4	77.7	77.7	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3

TOTAL NUMBER OF OBSERVATIONS 2970

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

41017 10117 RAICHATHAN 1011708 IN STAFB 66-69

STATION

STATION NAME

YEAR

FORM
NO. 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING		99.0	60.9	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000		15.5	78.9	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 18000		15.7	79.1	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 16000		15.7	79.1	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 14000		17.4	80.0	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 12000		17.5	81.9	82.7	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 10000		22.6	85.1	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 9000		27.5	86.0	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 8000		25.2	87.7	88.6	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 7000		25.5	88.1	88.9	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 6000		25.9	88.6	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 5000		27.7	90.5	91.3	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 4500		28.5	91.3	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4000		27.5	93.4	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 3500		27.4	94.7	95.6	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 3000		23.3	96.4	97.3	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2500		25.8	96.9	97.9	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 2000		24.6	97.2	98.2	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 1800		24.0	97.2	98.2	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 1500		24.1	97.3	98.4	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200		24.2	97.4	98.5	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 1000		24.3	97.5	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 900		24.3	97.6	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 800		24.3	97.6	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 700		24.3	97.7	98.7	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 600		24.3	97.7	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
IV 500		24.3	97.7	98.8	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 400		24.3	97.7	98.8	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 300		24.3	97.7	98.8	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 200		24.3	97.7	98.8	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 100		24.3	97.7	98.8	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 0		24.3	97.7	98.8	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

288

USAFETAC

FORM
JUL 54

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF EIA
 AIR FORCE RESEARCH

CEILING VERSUS VISIBILITY

STATION: 1117 STATION NAME: RAINFALL TOTAL/UNIT: 66-62

YEAR: MONTH: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING		38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 20000		56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000		56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000		57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000		63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000		73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000		74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000		78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000		79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 6000		81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000		83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500		84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1600		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1400		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2976

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017 STATION: 06 IN RAICATHARI TAI/CHIN STAFB 66-69
STATION NAME: YEARS:

MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS: 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING		29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 20000		54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000		55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000		56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000		61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000		72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000		80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000		81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000		83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000		85.3	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500		86.3	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000		87.2	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500		88.6	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000		91.6	91.5	91.9	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500		93.2	94.2	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000		94.5	95.6	96.3	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800		94.6	95.7	96.4	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500		95.1	96.3	97.0	97.5	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200		95.4	96.6	97.3	97.8	97.8	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000		96.0	97.2	98.0	98.5	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		96.0	97.3	98.1	98.5	98.6	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 800		96.1	97.4	98.1	98.6	98.7	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		96.3	97.5	98.3	98.8	98.9	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600		96.4	97.7	98.5	99.0	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		96.6	97.9	98.7	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		96.7	98.1	98.8	99.4	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.7	98.1	98.8	99.4	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.7	98.1	98.8	99.4	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.7	98.1	98.8	99.4	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.7	98.1	98.8	99.4	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 288

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET:	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.5	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 20000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
18000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
16000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
14000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
12000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
10000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
9000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
8000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
7000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
6000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
5000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
4000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
3500		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
3000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
2500		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
2000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
1800		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
1600		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
1500		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
1200		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
1000		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
900		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
800		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
700		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
600		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
500		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
400		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
300		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
200		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
100		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4

TOTAL NUMBER OF OBSERVATIONS 2974

USAFFTAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

5 N KATCHATHALLI TRAI/URUM ETAFB 66-69
STATION NAME

YEAR

6
1966

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 20000		39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 18000		39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 16000		40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 14000		42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 12000		52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000		68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000		71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 8000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000		81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
W 4500		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
W 4000		86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
W 3500		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
W 3000		88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
W 2000		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
W 1800		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
W 1500		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
W 1200		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
W 1000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
W 900		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
W 800		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
W 700		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
W 600		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
W 500		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
W 400		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2974

USAFETAC

FORM 24

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

61-17 J. N. RAIC (AKA) I. T. ALZOUZ. TAB# 66-60

5 f P

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

544

[illegible]

TOTAL NUMBER OF OBSERVATIONS

2000

USAFTAC 014601Z JUL 78

DATA PROCESSING DIVISION
USAF ETAC
AFIP HEADQUARTERS SERVICE/TAC

CEILING VERSUS VISIBILITY

41017

STATION NAME: TAIJIAO IN RTAB 66-69

YEAR:

LCI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
OBSERVATIONS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .05	≥ 0
NO CEILING		57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000		73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000		73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000		74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000		76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 12000		78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000		84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000		85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000		89.1	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000		91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000		91.6	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000		92.6	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500		92.8	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000		93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500		93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000		95.3	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500		96.1	96.4	96.5	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000		97.3	97.6	97.7	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800		97.5	97.7	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500		97.7	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200		98.1	98.4	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000		98.3	98.6	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900		98.4	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		98.6	98.8	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		98.9	98.9	99.0	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600		99.0	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		99.0	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		99.0	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		99.0	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		99.0	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		99.0	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		99.0	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 277

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ELM
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41-17
STATION

W. N. RAICHAHAI I I-41/0010N RTAFB

66-67

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 20000		85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 18000		85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
≥ 16000		85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000		86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000		89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 10000		93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 9000		94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 8000		95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000		96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 6000		97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 5000		97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500		97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000		98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500		98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000		99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500		99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000		99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1800		99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1500		99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200		99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2879

USAFETAC

FORM
PR 14

0 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017 STATION NAME: 65-69

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	82.5	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 20000	88.4	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 18000	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 16000	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 14000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 12000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 10000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 9000	94.5	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 8000	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 7000	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

3710

USAFETAC

FORM 44

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Affiliations: Department of Psychology,
University of Illinois at Chicago
Chicago, IL 60607-7181

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00000000

TOTAL NUMBER OF OBSERVATIONS

415

DATE: 11/11/66
 NAME: [illegible]
 AIR: [illegible]

CEILING VERSUS VISIBILITY

UNIT: [illegible] ALTITUDE: 6070
 YEAR: 1966

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

10-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
NO CEILING	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1600	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1400	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.025	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.005	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.0025	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

963

CEILING VERSUS VISIBILITY

61217

CONFIDENTIAL - SECURITY INFORMATION 66-70

2000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1390-1400

[illegible]

TOTAL NUMBER OF OBSERVATIONS

465

USAFETAC

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DATA PROCESSING DIVISION
 USAFETC
 AIR FORCE ENGINEERING CENTER

CEILING VERSUS VISIBILITY

STATION: RAIC-01441 DATE: 1/15/70 YEAR: 66-70

DAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-2000
 MONTHS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	72.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 20000	87.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	87.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 16000	88.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 14000	90.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 12000	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 10000	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 8000	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	95.5	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	95.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	97.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

492

DATA PROCESSING DIVISION
USAFETAC
AIR LEADERS' EMBROIDERY

CEILING VERSUS VISIBILITY

STATION: 100-2300
STATION NAME: 100-2300

YEAR: 1966

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.06	≥.0
NO CEILING	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 20000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 18000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 12000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 500	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 300	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 200	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 100	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8

TOTAL NUMBER OF OBSERVATIONS 400

ATA DECEMBER 1951
 USAF 11-1
 AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

41217-1 AIR FORCE ENGINEERING 1-1-51 06-70

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

11-1-51

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01	≥.001
NO CEILING		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 20000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 18000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 16000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 14000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 12000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 10000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 9000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 800		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 700		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 600		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 500		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 400		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 300		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 200		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 100		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 0		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8

TOTAL NUMBER OF OBSERVATIONS

421

DATA PROCESSING DIVISION
USAF ETG
AIR FORCE SERVICE AGENCY

CEILING VERSUS VISIBILITY

101/ STATION NAME: KATICA-1 THAI/UNUS ETAF 66-70

YEAR:

1/54

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-0500

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	85.1	79.0	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 275	87.1	81.0	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 250	87.1	81.0	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 225	87.1	81.0	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 200	87.1	81.0	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 175	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 150	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 125	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 100	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 75	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 50	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 25	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 10	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ .5	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ .3	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ .1	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ .05	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ .01	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 0	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 275	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 250	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 225	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 200	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 175	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 150	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 125	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 100	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 75	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 50	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 25	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 10	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ .5	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ .3	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ .1	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ .05	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ .01	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 0	88.1	82.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5

TOTAL NUMBER OF OBSERVATIONS

423

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
100	77.7	77.7	79.9	79.7	77.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
150	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
200	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
250	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
300	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
350	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
400	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
450	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
500	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
550	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
600	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
650	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
700	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
750	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
800	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
850	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
900	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
950	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1000	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1050	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1100	86.1	86.1	86.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3

TOTAL NUMBER OF OBSERVATIONS

421

DATA PROCESSING REVISION
 541 1000
 AIR FORCE ENGINE SERVICE/MAC

CEILING VERSUS VISIBILITY

41117 2000 KILGALIALE (DAI) 1000 1400 66-70

818

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 2	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
1000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 900	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 800	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 700	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 600	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 500	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 400	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 300	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 200	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 100	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 200	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 100	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

ATLANTA, GEORGIA
 1961
 1961

CEILING VERSUS VISIBILITY

1961
 1961
 1961

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1961-1960

CEILING FEET	VISIBILITY - STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO CEILING	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
2000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1800	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1600	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1400	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1200	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
800	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
600	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
400	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
200	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1500	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1300	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1100	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
900	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
700	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
500	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
300	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
100	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5

TOTAL NUMBER OF OBSERVATIONS

12

ATLANTA, GEORGIA
 154100Z
 15 SEP 66

CEILING VERSUS VISIBILITY

41217 154100Z 15 SEP 66 66-75

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

100-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
NO CEILING	81.4	76.7	81.4	82.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1600	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1400	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 600	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 400	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 200	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 100	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 0	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 600	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 400	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 200	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 100	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 0	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 600	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 400	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 200	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 100	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 0	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 600	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 400	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 200	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 100	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 0	74.9	75.0	87.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC

0.14 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATLANTA, GEORGIA
 1961
 1961-1962

CEILING VERSUS VISIBILITY

1961-1962
 66-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY-STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	88.5	84.7	84.7	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥2500	72.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥1800	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥1600	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥1400	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥1200	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥1000	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥800	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥600	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥400	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥200	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥100	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥50	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥25	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥10	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥5	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥2.5	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥1.5	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥1	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥.5	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥.25	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥.1	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥.05	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥.025	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥.01	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥.005	66.7	66.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3

TOTAL NUMBER OF OBSERVATIONS

424

USAF/ATC 14-5-OL 1-66

ATLANTA, GEORGIA
 1961
 1961

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
0-100	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
101-200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
201-300	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
301-400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
401-500	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
501-600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
601-700	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
701-800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
801-900	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
901-1000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1001-1200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1201-1400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1401-1600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1601-1800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1801-2000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2001-2200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2201-2400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2401-2600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2601-2800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2801-3000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3001-3200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3201-3400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3401-3600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3601-3800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3801-4000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4001-4200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4201-4400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4401-4600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4601-4800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4801-5000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5001-5200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5201-5400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5401-5600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5601-5800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5801-6000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6001-6200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6201-6400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6401-6600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6601-6800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6801-7000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7001-7200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7201-7400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7401-7600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7601-7800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7801-8000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8001-8200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8201-8400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8401-8600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8601-8800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8801-9000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9001-9200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9201-9400	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9401-9600	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9601-9800	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9801-10000	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

TOTAL NUMBER OF OBSERVATIONS

37

UNCLASSIFIED

U.S. AIR FORCE DIVISION
 NATIONAL CENTER
 WASHINGTON, D.C. 20330

CEILING VERSUS VISIBILITY

REPORT NO. 100-10000
 DATE 10-1-60

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY, STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1
100-10000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
9000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
8000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
7000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
6000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
5000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
4000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
3000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
2000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
1000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
500	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
200	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
100	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
50	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
20	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
10	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
5	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
1	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC 0 14 5 01 10 10 10 10 10 10 10 10 10 10 10 10 10

DATA PROCESSING DIVISION
USAFETAC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

41217 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING		62.6	71.8	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 20000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 18000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 16000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 14000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 12000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 10000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 9000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 8000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 7000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 6000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 5000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4500		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 3500		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 3000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 2500		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 2000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1800		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1500		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1200		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1000		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 900		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 800		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 700		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 600		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 500		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 400		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 300		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 200		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 100		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 0		59.9	79.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6

TOTAL NUMBER OF OBSERVATIONS 37

ATMOSPHERIC DIVISION
USAF FIA
METEOROLOGICAL SERVICE

CEILING VERSUS VISIBILITY

STATION 41017 RPTC 01-04-11 11:00/0000 60-00

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1900

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05	≥.01
NO CEILING	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 18000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 16000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 14000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 12000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 900	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 700	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 600	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 400	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 300	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 200	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 100	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2

TOTAL NUMBER OF OBSERVATIONS

372

DATA PROCESSING DIVISION
USAFETC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

40117 G. N. RAICHATHA T. LEAL/JOHN RTAFB 66-69

STATION NAME

YEAR

168

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1506-1700
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	76.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	96.6	96.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 18000	96.6	96.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 16000	96.6	96.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 14000	96.6	96.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 12000	96.6	96.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 10000	96.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000	96.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 6000	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 5000	96.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	96.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	96.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	96.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	96.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	96.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	96.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

372

USAFETC

FORM
JUL 54

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

$$v \in \Delta V^+$$

1994-2000

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5 16	≥4	≥0
NO CEILING	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
14000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
16000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
14000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
12000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
10000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
9000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
8000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
7000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
6000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
5000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
4500	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
4000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
3500	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
3000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
2500	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
2000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
1400	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
1200	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
1000	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
900	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
800	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
700	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
600	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
500	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
400	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
300	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
200	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
100	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
0	73.4	69.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4

TOTAL NUMBER OF OBSERVATIONS.....372

0 14 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF LIA
AIR METEOROLOGICAL SERVICE/PAC

CEILING VERSUS VISIBILITY

91017
STATION

RAICHAHANE LAJ/USDP PTAB 66-67
STATION NAME

YEAR

NR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4100-2300
TIME

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING		76.4	81.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 20000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 18000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 16000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 14000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 700		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 600		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 500		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 400		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 300		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 200		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 100		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 0		76.3	81.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7

TOTAL NUMBER OF OBSERVATIONS 372

USAFETAC

FORM
JUN 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

41017 STATION NAME: PACIFIC HAWAII I-ALBUQUERQUE STAFF 66-69

YEAR

PER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01-01-0200
01-01-0200

CEILING FEET	VISIBILITY - STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
≥ 20000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
≥ 18000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
≥ 16000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
≥ 14000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
≥ 12000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
≥ 10000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
≥ 9000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
≥ 8000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
≥ 7000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
≥ 6000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
≥ 5000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
≥ 4500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
≥ 4000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
≥ 3500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
≥ 3000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 2500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 2000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 1500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 1200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 900	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	

TOTAL NUMBER OF OBSERVATIONS 367

ATLANTA, GEORGIA
 14-5 (OL 1)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION: ATLANTA, GEORGIA
 DATE: 6-6-67

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

000-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01	≥0
NO CEILING	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 14000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 12000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 9000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

36

DATA PROCESSING DIVISION
 WASH. D.C.
 AIRCRAFT REPORTS

CEILING VERSUS VISIBILITY

WINDY
 AIRCRAFT REPORTS
 66-60

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

760-0000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 20	≥ 10	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	61.2	67.5	68.0	54.2	57.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	67.2	66.7	66.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	57.2	66.7	66.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	57.5	65.7	66.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	55.6	66.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	55.4	66.7	73.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	56.7	73.3	77.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	55.7	74.7	76.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	76.3	76.3	82.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	76.3	76.3	82.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	71.4	84.2	84.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	75.3	84.2	86.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	76.7	85.6	89.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	77.5	86.6	91.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	77.8	86.6	91.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	77.7	86.6	91.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	80.3	88.2	93.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	80.3	87.2	93.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	80.3	87.2	93.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	80.3	87.2	93.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	80.3	87.2	93.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0	80.3	87.2	93.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

35

CEILING VERSUS VISIBILITY

1-1' 1-2' 1-3' 1-4' 1-5' 1-6' 1-7' 1-8' 1-9' 1-10' 1-11' 1-12' 1-13' 1-14' 1-15' 1-16' 1-17' 1-18' 1-19' 1-20' 1-21' 1-22' 1-23' 1-24' 1-25' 1-26' 1-27' 1-28' 1-29' 1-30' 1-31' 1-32' 1-33' 1-34' 1-35' 1-36' 1-37' 1-38' 1-39' 1-40' 1-41' 1-42' 1-43' 1-44' 1-45' 1-46' 1-47' 1-48' 1-49' 1-50' 1-51' 1-52' 1-53' 1-54' 1-55' 1-56' 1-57' 1-58' 1-59' 1-60' 1-61' 1-62' 1-63' 1-64' 1-65' 1-66' 1-67' 1-68' 1-69' 1-70' 1-71' 1-72' 1-73' 1-74' 1-75' 1-76' 1-77' 1-78' 1-79' 1-80' 1-81' 1-82' 1-83' 1-84' 1-85' 1-86' 1-87' 1-88' 1-89' 1-90' 1-91' 1-92' 1-93' 1-94' 1-95' 1-96' 1-97' 1-98' 1-99' 1-100' 1-101' 1-102' 1-103' 1-104' 1-105' 1-106' 1-107' 1-108' 1-109' 1-110' 1-111' 1-112' 1-113' 1-114' 1-115' 1-116' 1-117' 1-118' 1-119' 1-120' 1-121' 1-122' 1-123' 1-124' 1-125' 1-126' 1-127' 1-128' 1-129' 1-130' 1-131' 1-132' 1-133' 1-134' 1-135' 1-136' 1-137' 1-138' 1-139' 1-140' 1-141' 1-142' 1-143' 1-144' 1-145' 1-146' 1-147' 1-148' 1-149' 1-150' 1-151' 1-152' 1-153' 1-154' 1-155' 1-156' 1-157' 1-158' 1-159' 1-160' 1-161' 1-162' 1-163' 1-164' 1-165' 1-166' 1-167' 1-168' 1-169' 1-170' 1-171' 1-172' 1-173' 1-174' 1-175' 1-176' 1-177' 1-178' 1-179' 1-180' 1-181' 1-182' 1-183' 1-184' 1-185' 1-186' 1-187' 1-188' 1-189' 1-190' 1-191' 1-192' 1-193' 1-194' 1-195' 1-196' 1-197' 1-198' 1-199' 1-200' 1-201' 1-202' 1-203' 1-204' 1-205' 1-206' 1-207' 1-208' 1-209' 1-210' 1-211' 1-212' 1-213' 1-214' 1-215' 1-216' 1-217' 1-218' 1-219' 1-220' 1-221' 1-222' 1-223' 1-224' 1-225' 1-226' 1-227' 1-228' 1-229' 1-230' 1-231' 1-232' 1-233' 1-234' 1-235' 1-236' 1-237' 1-238' 1-239' 1-240' 1-241' 1-242' 1-243' 1-244' 1-245' 1-246' 1-247' 1-248' 1-249' 1-250' 1-251' 1-252' 1-253' 1-254' 1-255' 1-256' 1-257' 1-258' 1-259' 1-260' 1-261' 1-262' 1-263' 1-264' 1-265' 1-266' 1-267' 1-268' 1-269' 1-270' 1-271' 1-272' 1-273' 1-274' 1-275' 1-276' 1-277' 1-278' 1-279' 1-280' 1-281' 1-282' 1-283' 1-284' 1-285' 1-286' 1-287' 1-288' 1-289' 1-290' 1-291' 1-292' 1-293' 1-294' 1-295' 1-296' 1-297' 1-298' 1-299' 1-300' 1-301' 1-302' 1-303' 1-304' 1-305' 1-306' 1-307' 1-308' 1-309' 1-310' 1-311' 1-312' 1-313' 1-314' 1-315' 1-316' 1-317' 1-318' 1-319' 1-320' 1-321' 1-322' 1-323' 1-324' 1-325' 1-326' 1-327' 1-328' 1-329' 1-330' 1-331' 1-332' 1-333' 1-334' 1-335' 1-336' 1-337' 1-338' 1-339' 1-340' 1-341' 1-342' 1-343' 1-344' 1-345' 1-346' 1-347' 1-348' 1-349' 1-350' 1-351' 1-352' 1-353' 1-354' 1-355' 1-356' 1-357' 1-358' 1-359' 1-360' 1-361' 1-362' 1-363' 1-364' 1-365' 1-366' 1-367' 1-368' 1-369' 1-370' 1-371' 1-372' 1-373' 1-374' 1-375' 1-376' 1-377' 1-378' 1-379' 1-380' 1-381' 1-382' 1-383' 1-384' 1-385' 1-386' 1-387' 1-388' 1-389' 1-390' 1-391' 1-392' 1-393' 1-394' 1-395' 1-396' 1-397' 1-398' 1-399' 1-400' 1-401' 1-402' 1-403' 1-404' 1-405' 1-406' 1-407' 1-408' 1-409' 1-410' 1-411' 1-412' 1-413' 1-414' 1-415' 1-416' 1-417' 1-418' 1-419' 1-420' 1-421' 1-422' 1-423' 1-424' 1-425' 1-426' 1-427' 1-428' 1-429' 1-430' 1-431' 1-432' 1-433' 1-434' 1-435' 1-436' 1-437' 1-438' 1-439' 1-440' 1-441' 1-442' 1-443' 1-444' 1-445' 1-446' 1-447' 1-448' 1-449' 1-450' 1-451' 1-452' 1-453' 1-454' 1-455' 1-456' 1-457' 1-458' 1-459' 1-460' 1-461' 1-462' 1-463' 1-464' 1-465' 1-466' 1-467' 1-468' 1-469' 1-470' 1-471' 1-472' 1-473' 1-474' 1-475' 1-476' 1-477' 1-478' 1-479' 1-480' 1-481' 1-482' 1-483' 1-484' 1-485' 1-486' 1-487' 1-488' 1-489' 1-490' 1-491' 1-492' 1-493' 1-494' 1-495' 1-496' 1-497' 1-498' 1-499' 1-500' 1-501' 1-502' 1-503' 1-504' 1-505' 1-506' 1-507' 1-508' 1-509' 1-510' 1-511' 1-512' 1-513' 1-514' 1-515' 1-516' 1-517' 1-518' 1-519' 1-520' 1-521' 1-522' 1-523' 1-524' 1-525' 1-526' 1-527' 1-528' 1-529' 1-530' 1-531' 1-532' 1-533' 1-534' 1-535' 1-536' 1-537' 1-538' 1-539' 1-540' 1-541' 1-542' 1-543' 1-544' 1-545' 1-546' 1-547' 1-548' 1-549' 1-550' 1-551' 1-552' 1-553' 1-554' 1-555' 1-556' 1-557' 1-558' 1-559' 1-560' 1-561' 1-562' 1-563' 1-564' 1-565' 1-566' 1-567' 1-568' 1-569' 1-570' 1-571' 1-572' 1-573' 1-574' 1-575' 1-576' 1-577' 1-578' 1-579' 1-580' 1-581' 1-582' 1-583' 1-584' 1-585' 1-586' 1-587' 1-588' 1-589' 1-590' 1-591' 1-592' 1-593' 1-594' 1-595' 1-596' 1-597' 1-598' 1-599' 1-600' 1-

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-1190

[illegible]

TOTAL NUMBER OF OBSERVATIONS

450

USAF PAC

CEILING VERSUS VISIBILITY

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-19-2010 BY 60322 UCBAW

• 136 •

P = probability; *n* = number of trials.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7-10-1400

[illegible]

TOTAL NUMBER OF OBSERVATIONS

44

USAFETAC

2. 圖 4.18

3. 圖 4.19

0.14 5 : OL 1) PREVIOUS LIST OF NAMES OF THIS SYSTEM ARE : 2018 1818

100

100-1726

41.

$$S_{\text{eff}} = S_{\text{gauge}} + S_{\text{ghost}} + S_{\text{matter}} + S_{\text{Feynman-Hellmann}}$$

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100

TOTAL NUMBER OF OBSERVATIONS

USAFETAC 0 14 5 JOL 77

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
UBON RTAFB, UBON RATCHATHANI, THAILAND. REVISED UNIFORM SUMMARY--ETC
MAR 71

SBIE-AD-E850 028

NL

305

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

DR N RAICHATHANI THAI/URIIN RTAFB
STATION NAME

66-67
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	¾	¾	≥ 5 16	≥ ¼
NO CEILING	64.7	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 20000	80.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 18000	80.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 16000	80.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 14000	80.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 12000	81.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 10000	85.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000	86.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	87.2	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 7000	87.2	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	87.5	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	88.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	89.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	91.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	92.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	93.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	93.9	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 360

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

UBON RAICHATHANI THAI/UBON RTAFB
STATION NAME

66-69
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.4	≥.3	≥.2	≥.1
NO CEILING		49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000		61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000		61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000		62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000		63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000		69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000		78.5	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000		79.3	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000		82.3	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000		83.1	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000		86.0	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000		88.2	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500		89.0	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000		89.8	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500		90.9	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000		91.4	93.8	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500		91.7	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000		91.9	94.6	95.2	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800		91.9	94.6	95.2	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500		92.7	95.4	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200		92.7	95.4	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000		92.7	95.4	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900		92.7	95.4	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800		93.3	96.0	96.3	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700		93.3	96.0	96.3	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600		93.3	96.2	96.8	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500		93.3	96.3	97.6	97.8	98.1	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		93.8	97.0	98.1	98.4	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
≥ 300		94.1	97.3	98.4	98.7	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 200		94.1	97.3	98.4	98.7	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100		94.1	97.3	98.4	98.7	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 0		94.1	97.3	98.4	98.7	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

ORIN RAICHATHANI THAI/UBON RTAFB 66-69
STATION NAME YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000		59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000		59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000		60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000		61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000		66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000		77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000		77.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 8000		80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000		83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500		86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500		92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000		93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

377

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

41017
STATION

UBON RATCHATHANI THAI/UBON RTAFB
STATION NAME

66-69
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥½
NO CEILING		36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 20000		53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000		53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 16000		53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 14000		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000		60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000		72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000		73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000		77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 6000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000		81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500		89.2	89.5	89.8	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000		90.3	90.9	91.1	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800		90.3	91.1	91.4	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500		91.1	91.9	92.2	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200		91.1	91.9	92.2	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000		91.4	92.2	92.7	93.3	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900		91.4	92.2	92.7	93.3	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800		91.7	92.5	93.0	93.5	93.5	93.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700		92.2	93.0	93.5	94.1	94.1	94.4	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600		92.3	93.5	94.1	94.6	94.6	94.9	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500		94.6	96.8	97.8	98.4	98.4	98.7	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		94.9	97.0	98.1	98.7	98.7	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.9	97.0	98.1	98.7	98.7	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.9	97.0	98.1	98.7	98.7	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.9	97.0	98.1	98.7	98.7	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.9	97.0	98.1	98.7	98.7	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

UBON RATCHATHANI THAI/UBON RTAFB
STATION NAME

66-69
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		49.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 20000		49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000		49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 16000		49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 14000		52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 12000		55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000		65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000		70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4000		76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3500		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500		84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000		88.7	88.7	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800		90.1	90.1	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500		91.9	91.9	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200		93.5	93.5	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000		93.8	93.8	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900		94.1	94.1	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800		94.9	94.9	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700		95.2	95.2	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600		96.0	96.0	96.8	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500		97.8	98.4	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.8	98.4	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.8	98.4	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.8	98.4	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.8	98.4	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.8	98.4	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

UBON RATCHATHANI THAI/UBON RTAFB
STATION NAME

66-69
YEARS

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 20000		51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000		51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000		51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000		53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 12000		58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000		69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000		70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000		73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000		73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 5000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000		88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500		91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000		94.6	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800		94.9	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500		95.2	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		96.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000		97.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		97.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		97.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		97.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

UBON RATCHATHANI THAI/UBON RTAFB
STATION NAME

66-69
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 20000		65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000		65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000		65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000		67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 12000		73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000		86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500		91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000		93.0	93.5	93.5	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500		94.4	95.2	95.2	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000		95.7	96.8	96.8	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800		96.0	97.0	97.0	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500		96.0	97.0	97.0	97.0	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		96.0	97.0	97.0	97.0	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000		96.2	97.3	97.3	97.3	97.8	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	99.2	99.2
≥ 900		96.2	97.3	97.3	97.3	97.8	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	99.2	99.2
≥ 800		96.5	97.6	97.6	97.6	98.1	98.7	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.7	99.7
≥ 700		96.8	97.8	97.8	97.8	98.4	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	100.0	100.0
≥ 600		96.8	97.8	97.8	97.8	98.4	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	100.0	100.0
≥ 500		96.8	97.8	97.8	97.8	98.4	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	100.0	100.0
≥ 400		96.8	97.8	97.8	97.8	98.4	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	100.0	100.0
≥ 300		96.8	97.8	97.8	97.8	98.4	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	100.0	100.0
≥ 200		96.8	97.8	97.8	97.8	98.4	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	100.0	100.0
≥ 100		96.8	97.8	97.8	97.8	98.4	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0		96.8	97.8	97.8	97.8	98.4	98.9	99.5	99.5	99.5	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

41017
STATION

UBON RATCHATHANI THAI/UBON RTAFB
STATION NAME

66-69
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.4	≥.3	≥.2	≥.1
NO CEILING		32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 20000		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000		58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000		61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000		68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000		79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1
≥ 3500		91.7	91.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0
≥ 3000		94.1	94.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7
≥ 2500		95.2	95.2	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.3	97.3
≥ 2000		96.0	96.2	97.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2
≥ 1800		96.0	96.2	97.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5
≥ 1500		96.0	96.2	97.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5
≥ 1200		96.0	96.2	97.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5
≥ 1000		96.0	96.2	97.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5
≥ 900		96.2	96.5	97.8	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 800		96.2	96.5	97.8	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 700		96.2	96.5	97.8	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 600		96.2	96.5	97.8	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 500		96.2	96.5	97.8	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 400		96.2	96.5	97.8	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 300		96.2	96.5	97.8	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 200		96.2	96.5	97.8	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100		96.2	96.5	97.8	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0		96.2	96.5	97.8	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

URIN RAICHATHANI THAI/UPON RTAFB
STATION NAME

66-69
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5	≥ .5	≥ 5.0	≥ .5	≥ 0
NO CEILING		41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000		57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000		57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000		57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000		58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000		62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000		73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 8000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 7000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 6000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 5000		86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 4500		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 4000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2500		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017
STATION

UBON RAICHATHANI THAI/UBON RTAFB
STATION NAME

66-67
YEARS

J. N.
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING		36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 20000		51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000		51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000		52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 14000		52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 12000		58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000		70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000		72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000		86.1	86.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500		87.5	88.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000		91.7	92.8	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500		94.7	95.8	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000		95.0	96.4	96.9	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500		95.3	96.9	97.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000		95.3	96.9	97.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800		95.3	96.9	97.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500		95.6	97.2	98.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		95.6	97.2	98.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		95.6	97.2	98.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		95.6	97.2	98.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		95.6	97.2	98.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		95.6	97.2	98.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		95.6	97.2	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		95.6	97.2	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		95.6	97.2	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.6	97.2	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.6	97.2	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.6	97.2	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.6	97.2	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 367

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017 STATION NAME: PHU N RATCHATHANI THAI/UBON RTAFB 66-62

YEARS: 1966 MONTH: 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING		33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000		51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000		51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000		51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 14000		51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 12000		55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000		68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000		70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 8000		77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 7000		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 6000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500		90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 360

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017
STATION

JB IN RAICHAMAI TRAI/UBUN STAFF

66-69

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING		24.7	24.7	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 20000		46.4	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 18000		46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000		47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 14000		48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000		52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000		68.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000		72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000		77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000		81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000		83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500		86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500		91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 46

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017
STATION

U.S.N. RAICHATHAL I THAI/UBON RTAFB 66-60
STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 20000		46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 18000		46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 16000		46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 14000		57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000		70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000		72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000		77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 8000		78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000		79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000		80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500		80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500		86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500		92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1600		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1400		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 360

USAFETAC

FORM
JUL 74

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017 STATION ORN RAICHATHANI THAI/UBON RTAFB 66-69

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING		26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 20000		54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000		54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000		54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000		56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000		73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000		78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000		81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 360

DATA PROCESSING DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017 STATION 41017 RAICATHAM IIA/UBUN RTAFB 66-67

YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 20000		69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000		69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 16000		69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 14000		72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000		92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000		92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 360

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017 STATION LBH RAICHATHANI THAI/UBON RTAFB 66-69

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 20000		61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000		61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000		62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000		67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000		77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 8000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 360

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017 STATION: OR N RAICHATHANI THAI/UBUN RTAFB 66-62 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING		47.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000		56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000		56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000		56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000		57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 12000		61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000		71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 9000		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000		78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000		80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000		82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000		84.7	85.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4500		85.8	86.7	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000		88.6	89.7	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500		89.7	90.8	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000		91.4	93.1	94.2	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500		92.5	94.2	95.6	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000		93.3	95.3	96.9	97.5	97.5	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		93.6	95.3	97.2	97.8	97.8	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500		93.6	95.3	97.5	98.1	98.1	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200		93.6	95.3	97.5	98.1	98.1	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0		93.6	95.3	97.5	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 360

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 66-62 CH N RAICHATHAI THAI/UBON STAPD

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 0	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14
NO CEILING	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 2000	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 1800	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 1600	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 1400	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 1200	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 1000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 900	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 800	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 700	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 600	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 500	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 450	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 400	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 350	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 300	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 250	91.9	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 200	93.3	93.3	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	91.7	93.3	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1600	92.2	94.4	94.4	94.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1400	93.3	95.2	96.5	97.0	97.3	97.8	97.8	97.8	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	93.3	95.2	96.5	97.0	97.3	97.8	98.4	98.4	98.4	98.7	98.9	99.2	99.2	99.2	99.2	99.2
≥ 1000	93.3	95.2	96.5	97.0	97.3	97.8	98.4	98.4	98.4	98.7	98.9	99.2	99.2	99.2	99.2	99.2
≥ 800	93.3	96.2	97.0	97.8	98.4	98.9	98.9	98.9	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7
≥ 700	93.3	96.2	97.0	97.8	98.4	98.9	98.9	98.9	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7
≥ 600	93.3	96.2	97.0	97.8	98.4	98.9	98.9	98.9	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7
≥ 500	93.3	96.2	97.0	97.8	98.4	98.9	98.9	98.9	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7
≥ 400	93.3	96.2	97.0	97.8	98.4	98.9	98.9	98.9	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7
≥ 300	93.3	96.2	97.0	97.8	98.4	98.9	98.9	98.9	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7
≥ 200	93.3	96.2	97.0	97.8	98.4	98.9	98.9	98.9	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7
≥ 100	93.3	96.2	97.0	97.8	98.4	98.9	98.9	98.9	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7
≥ 0	93.3	96.2	97.0	97.8	98.4	98.9	98.9	98.9	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017
STATION

JOHN RAICHATHAL THAI/UBUN RTAFB

66-69

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS, U.S.T.

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING		25.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 20000		43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 18000		43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 16000		43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 14000		44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000		45.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 10000		61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000		62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000		66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000		71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 5000		79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500		85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000		93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 371

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICES AC

CEILING VERSUS VISIBILITY

STATION 41017 NAME N RAICHATHANI IIAI/CHIN RTAFB 66-63

YEAR: 74

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .06	≥ 0
NO CEILING		21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 20000		36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 18000		36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 16000		39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 14000		40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 12000		46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 10000		62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000		77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000		83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000		84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500		84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000		93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

372

USAFETAC

FORM 10-54

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

JCL
 MURKIN
 C900-1100
 MURKIN

0900-1100
ESTD:RS-57

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 2000	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 1800	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 1600	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 1400	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 1200	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 1000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 800	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 600	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 500	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 450	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 400	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 350	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 300	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 250	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 200	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 180	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 160	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 140	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 120	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 100	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 80	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 60	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAS
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

DR. N. RAICHATHANI THAI/UBEN STAB

66-67

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥½
NO CEILING		15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
≥20000		40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥18000		40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥16000		41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥14000		42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥12000		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥10000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥9000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥8000		69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥7000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥6000		73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥5000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥4500		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥4000		74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥3500		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥3000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥2500		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥2000		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥1800		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1500		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1200		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥1000		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥900		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥800		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥700		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥600		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥500		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥400		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥300		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥200		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥100		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥0		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

UBON RATCHATHANI THAI/UBON RTAFB 66-69
STATION NAME

YEAR

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING		19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 20000		55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 18000		55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000		56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000		59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000		63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000		76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000		85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 7000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500		93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AL

CEILING VERSUS VISIBILITY

41017
STATION

ON IN RAICATHANI THAI/URDN RTAFB
STATION NAME

66-67
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 20000		51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000		51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000		52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000		54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 12000		59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000		71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000		73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000		78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000		81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000		81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000		83.3	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500		84.4	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000		88.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500		89.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000		91.9	93.3	93.3	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500		93.3	95.7	96.0	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000		94.4	96.2	97.0	97.6	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800		94.4	96.2	97.0	97.6	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0		94.9	96.8	97.6	98.1	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

STATION NAME

66-63

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .16	≥ 0
NO CEILING		32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 20000		51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000		52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000		52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000		52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000		58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000		68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000		69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 7000		78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000		78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000		81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500		83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500		88.7	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000		91.4	93.3	93.3	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500		91.7	93.8	93.8	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000		92.5	96.3	96.3	96.5	96.5	96.5	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800		92.7	96.7	96.7	96.8	96.8	96.8	96.8	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500		92.7	96.8	97.0	97.8	98.1	98.1	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200		92.7	96.8	97.0	97.8	98.1	98.1	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		92.7	96.8	97.0	97.8	98.1	98.1	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		92.7	96.8	97.0	97.8	98.1	98.1	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		92.7	97.0	97.6	98.7	98.9	98.9	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		92.7	97.0	97.6	98.7	98.9	98.9	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		92.7	97.0	97.6	98.7	98.9	98.9	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		92.7	97.0	97.6	98.7	98.9	98.9	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.7	97.0	97.6	98.7	98.9	98.9	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.7	97.0	97.6	98.7	98.9	98.9	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.7	97.0	97.6	98.7	98.9	98.9	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.7	97.0	97.6	98.7	98.9	98.9	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.7	97.0	97.6	98.7	98.9	98.9	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

372

USAFETAC

FORM
JUL 64

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROFESSIONAL DIVISION
USAFETAC
AIR FORCE SERVICE CENTER

CEILING VERSUS VISIBILITY

41017 KATICA HALL/DAI/DBR STAFF 66-69

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

FORM-0700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 20000	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 18000	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 16000	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 14000	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 12000	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 10000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

1917 STATION DE N RAICHATHAI THAI/UDOM RTAFB 66-69

4-16 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING		27.2	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 20000		34.1	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 18000		34.1	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 16000		36.1	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 14000		37.6	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 12000		46.5	47.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000		61.6	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000		62.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000		68.8	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000		71.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000		74.7	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000		81.9	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500		81.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000		84.4	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500		84.9	87.0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000		86.8	89.5	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500		89.0	91.7	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000		90.3	93.0	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800		90.9	93.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500		93.0	95.7	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200		93.0	96.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000		94.1	97.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		94.1	97.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		94.4	97.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		94.4	97.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		94.4	97.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500		94.4	97.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		94.4	97.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300		94.4	97.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200		94.4	97.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100		94.4	97.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0		94.4	97.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017 CIVIL AIRCRAFT/THAI/ORDN RTAFB 66-69
STATION STATION NAME YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING		15.3	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
≥ 20000		27.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 18000		28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 16000		30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
≥ 14000		30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 12000		43.3	43.5	43.5	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 10000		63.4	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000		66.1	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000		75.8	75.8	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000		78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000		79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000		86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000		92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

CEILING VERSUS VISIBILITY

41217
STATION

STATION NAME RAICHAHAI 141/000N RTAFB 66-69

YIARS

ALG
MATH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

372

USAFETAC

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

61017
STATION

RAIN RAICHATHANI INAI/UNION RTAFB
STATION NAME

66-69
YEARS

AVE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 20000		32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 18000		32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 16000		33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 14000		38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 12000		48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000		69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000		71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 6000		71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 5000		72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500		72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000		73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000		84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2500		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000		96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800		96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500		98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200		99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000		99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

U-2 N RATCHATHAI THAI/USON RTAFB

66-69

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING		14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 20000		54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000		56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000		60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000		69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000		84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000		87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 8000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 7000		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 6000		93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

CHIN RAICHATHANI THAI/URUN KTAH 66-69
STATION NAME YEARS

6
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	≥ 0
NO CEILING		17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
≥ 20000		52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000		53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000		54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000		56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000		61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000		75.6	76.8	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000		79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 8000		82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000		83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000		84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000		85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500		86.5	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000		88.1	88.1	88.4	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500		89.2	89.2	89.5	89.8	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000		90.6	90.6	91.1	91.4	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500		91.9	91.9	92.7	93.3	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000		93.5	93.8	94.6	96.0	96.2	96.2	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800		93.5	93.8	94.6	96.0	96.2	96.2	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500		94.6	94.9	96.0	97.6	97.8	97.8	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200		94.9	95.1	96.2	97.8	98.1	98.1	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		94.9	95.1	96.5	98.1	98.4	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		94.9	95.1	96.5	98.1	98.4	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		94.9	95.1	96.5	98.1	98.4	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		94.9	95.1	96.5	98.1	98.4	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		94.9	95.1	96.5	98.1	98.4	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		95.1	95.4	96.8	98.4	98.7	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400		95.4	95.7	97.0	98.7	98.9	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		95.4	95.7	97.0	98.7	98.9	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		95.4	95.7	97.0	98.7	98.9	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		95.4	95.7	97.0	98.7	98.9	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		95.4	95.7	97.0	98.7	98.9	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 371

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

41017
STATION

U. N. RAICHATHANI THAI/URIN RTAFB
STATION NAME

66-62
YEARS

5/6
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING		22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 20000		42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 18000		42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000		42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000		44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 12000		51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 10000		69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000		73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000		77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000		80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 371

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017
STATION

IN RAICHATHANI (MAI/USIN STAFF) 66-62
STATION NAME YEARS

310
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING		28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 20000		42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000		43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 16000		43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 14000		47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 12000		55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000		68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000		68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000		71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000		79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500		81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000		82.3	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500		85.3	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000		86.7	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500		86.9	87.8	88.1	88.1	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000		88.6	89.7	90.0	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800		89.2	90.3	90.6	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500		91.4	92.8	93.3	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200		92.5	93.9	94.4	95.0	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000		93.3	94.7	95.3	95.8	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900		93.3	95.0	95.6	96.1	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800		93.9	95.6	96.1	96.7	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700		93.9	95.6	96.1	96.7	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600		94.7	96.4	97.5	98.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		94.7	96.4	97.8	98.3	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		94.7	96.7	98.1	98.6	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.7	96.7	98.1	98.6	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.7	96.7	98.1	98.6	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.7	96.7	98.1	98.6	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.7	96.7	98.1	98.6	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 360

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41817 STATION NAME: 1-41/0801 STAF 66 65

SEP 66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING		34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 20000		41.7	41.7	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000		41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 16000		42.2	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 14000		44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 12000		51.1	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 10000		61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000		61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000		63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000		64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000		66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000		70.3	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4500		72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000		73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500		75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000		76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2500		79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000		80.8	80.8	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1500		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1200		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 800		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 700		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 600		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 500		90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 400		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 300		92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 200		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 100		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 0		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS

361

DATA PROCESSING DIVISION
USAFETAC
AIR WEATHER SERVICE/AG

CEILING VERSUS VISIBILITY

41017
STATION

EL N KATCHATHANI TRAI/UBEN STAFFS 66-62

21 P
MULTIPLY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0700
HOURS LST

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING		18.3	18.3	18.6	18.6	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
≥ 25000		25.6	25.6	25.8	25.8	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 18000		25.8	25.8	26.1	26.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 16000		26.9	26.9	27.2	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 14000		30.3	30.3	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 12000		38.9	38.9	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 10000		48.9	49.2	49.4	49.4	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 9000		50.3	50.6	50.8	50.8	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 8000		57.5	57.8	58.1	58.1	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 7000		60.0	60.6	60.8	60.8	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 6000		60.8	61.1	61.7	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 5000		63.3	63.7	64.2	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4500		66.1	67.2	67.5	67.5	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4000		69.2	70.6	70.8	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3500		71.1	72.5	72.8	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000		73.0	76.1	76.7	76.7	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2500		75.8	77.7	77.5	77.5	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000		77.2	78.6	78.9	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500		77.8	79.2	79.4	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1000		79.7	81.7	82.2	82.2	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 900		81.7	84.4	85.1	85.1	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 800		85.6	89.4	90.3	90.3	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 700		86.7	90.6	91.4	91.4	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600		88.6	92.5	93.3	93.3	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500		89.2	93.1	93.9	94.2	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400		89.7	93.6	94.4	94.7	95.6	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300		91.7	95.6	96.4	96.7	97.5	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200		91.7	96.1	96.9	97.2	98.1	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100		91.7	96.1	96.9	97.2	98.1	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0		91.9	96.4	97.2	97.5	98.3	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

360

USAFETAC

FORM
OIL 54

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017 DEEN RATCHATHANI THAI/URDN RTAFB 66-69

YEAR

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
MORNING

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .5	≥ .25	≥ .15	≥ .10	≥ .05	≥ .01	≥ 0
NO CEILING	13.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
≥ 20000	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 18000	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 16000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 14000	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 12000	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 10000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 8000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 7000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 6000	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	57.8	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 4500	58.9	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4000	59.2	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3500	59.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 3000	60.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 2500	65.0	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 2000	68.9	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1800	73.6	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	84.4	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1200	90.0	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	92.7	93.9	94.7	95.3	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	93.6	95.6	96.4	96.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	94.4	96.4	97.2	97.8	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	94.7	96.9	97.8	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.7	96.9	97.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	94.7	96.9	97.8	98.6	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.7	96.9	97.8	98.6	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.7	96.9	97.8	98.6	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.7	96.9	97.8	98.6	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.7	96.9	97.8	98.6	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.7	96.9	97.8	98.6	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

360

DATA PROCESSING DIVISION
USAF ETAC
AIR SEATTLE T-1001/2/3/4

CEILING VERSUS VISIBILITY

9101/
STATION

NAME OF STATION: T-1001/2/3/4
STATION NAME: T-1001/2/3/4
00-60

YEARS

ED
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING		18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 20000	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 18000	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 16000	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 14000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 12000	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 8000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 6000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 5000	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 4500	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 4000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 3500	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 360

DATA PROCESSING DIVISION
USAF FTL
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017

STATION NAME: CONRAD AFB TX / CONRAD AFB TX 66-63

YEAR: 1966

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1506-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING		24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 20000		47.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 18000		51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000		53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000		57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 12000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000		77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 8000		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000		84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 5000		87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 352

ATA PROCESSING DIVISION
USAF ETAC
AIR FORCE RESERVE AC

CEILING VERSUS VISIBILITY

STATION NAME: N. R. C. G. H. A. I. L. I. A. I. J. E. L. S. T. A. F. S. 60260

YEAR: 1960

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1960-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 2000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 1800	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 1600	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 1400	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 1200	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 800	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 700	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 600	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 500	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 400	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 300	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 200	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 150	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 100	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 75	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 50	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 25	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 10	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ .5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .005	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ .001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

360

USAF ETAC

FORM 1-64

0-14 (5-10-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017 STATION 15 16 RAI/CHATHAM LIAI/USAF ETAC 66-69

YEAR

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .5	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING		34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 20000		44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 18000		46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 16000		47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000		49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 12000		62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000		73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000		73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 307

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ALC

CEILING VERSUS VISIBILITY

STATION: 61017 STATION NAME: W. N. RAICHATHAM LIAISON ETACB 06-69

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
MONTH: 03

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 18000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 14000		84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000		93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 7000		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 5000		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017
STATION

U. S. AIRCRAFT I THAI/URON RTAFB
STATION NAME

66-69
YEARS

10
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

372

USAFETAC

FORM
JUL 54

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

ORIN KATCHATHA JI TAI/UBIN RTAFB 66-69
STATION NAME YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS, EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1.3	≥1.2	≥1.1	≥1.0	≥0.9	≥0.8	≥0
NO CEILING		57.5	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000		69.4	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 18000		69.4	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000		69.4	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000		72.0	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000		74.9	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000		81.6	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 9000		83.8	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000		84.4	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 7000		86.3	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000		87.4	88.2	88.7	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000		89.8	90.6	91.1	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500		89.3	90.6	91.1	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000		90.1	90.9	91.4	91.4	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500		91.9	91.7	92.2	92.2	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000		92.2	93.0	93.5	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500		92.7	93.5	94.1	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000		94.6	95.4	96.0	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800		94.6	95.4	96.0	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500		95.2	96.0	96.5	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200		95.7	96.5	97.0	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000		96.2	97.0	97.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		96.5	97.3	97.8	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800		96.5	97.3	97.8	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		96.8	97.6	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		96.8	97.6	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		97.6	98.4	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400		97.6	98.4	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300		97.6	98.4	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200		97.6	98.4	98.9	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100		97.6	98.4	98.9	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 0		97.6	98.4	98.9	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017 STATION USAF ETAC USAF ETAC 66-69

CT MONTH
0900-1100
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1.3	≥ 1.2	≥ 1.1	≥ 1.0	≥ .75	≥ .5	≥ 0
NO CEILING		53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000		73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 10000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000		83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

THAI/UBON RTAFB 66-69
STATION NAME

YEAR

CT
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

1117
STATION

USAF ETAC/AFM 1117/USAF ETAC 66-67
STATION NAME

YEARS CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS, LST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017 STATION NAME RAICHATHAI THAI/CHON STAFF 66-62

01 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING		57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000		76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 18000		76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000		77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000		82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 10000		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 9000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 8000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 7000		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4500		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF 6146
AIR BEATER SERVICE/TAC

CEILING VERSUS VISIBILITY

41017 STATION: JOHN RATCHAPPAI THAI/JOHN STAFF 66-69

YEAR: MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	61.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 20000	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	62.0	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	63.3	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000	65.2	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	69.2	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 7000	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 5000	96.0	96.0	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4500	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	97.8	97.8	97.8	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	97.8	97.8	97.8	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	97.8	97.8	97.8	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	97.8	97.8	97.8	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	98.1	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	98.1	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	98.4	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	98.4	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	98.4	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	98.9	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.2	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.5	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

DATA PROCESSING DIVISION
USAF FIA
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

4101/
STATION

CLIN RAINBATHAL TRAIL/USIN STAFF 06-02

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 20000		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 16000		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 12000		92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 10000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 9700		95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 8000		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 7000		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 6000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

100

USAF FIA

FORM 44

0 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE DEPARTMENT OF THE ARMY
WASHINGTON, D. C. 20315-5061

4646

2000

0000-0000

TOTAL NUMBER OF OBSERVATIONS

324

DATA PRESSION DIVISION
USAFETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017
STATION

STATION NAME
STATION NAME

06-60

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 20000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 18000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 16000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 14000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 12000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 10000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 9000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 8000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

36

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA FROM WHICH THIS REPORT WAS PREPARED
 DATE OF REPORT: 10/1/67

CEILING VERSUS VISIBILITY

10/1/67
 DATE

10/1/67
 DATE

YEAR

10/1/67
 DATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10/1/67-10/1/67

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 22000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 18000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 16000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 14000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 800	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 600	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 400	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 300	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 200	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 100	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7

TOTAL NUMBER OF OBSERVATIONS

10

DATA PROCESSING DIVISION
SAFETY
AIR CENTER NEW YORK

CEILING VERSUS VISIBILITY

1012 STATION NAME: NEW YORK
66-67

NY
66-67

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000
HOURS EST.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.10	≥.05	≥.01	≥0
NO REPORT	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥2000	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥1500	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥1000	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥750	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥500	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥250	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥100	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥75	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥50	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥25	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥10	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥7.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥2.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥.75	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥.25	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥.10	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥.05	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥.01	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

361

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

OB N KATCHATHANI THAI/USAF STAF 66-69
STATION NAME YEARS

IV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LT)

CEILING FEET.	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 20000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 18000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 16000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 14000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 12000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 10000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 9000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 8000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 7000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

350

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41017
STATION

UBON RATCHATHANI THAI/UBON RTAFB
STATION NAME

65-69
YEAR

DFC
OFFICE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING		86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 20000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 18000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 16000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 14000		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 12000		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 10000		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 8000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 464

ATA PROCESSING DIVISION
USAF ETAS
AIR LEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

61017
STATION

UDN RAIC SAHANI T-AI/UDN RTAFB
STATION NAME

05-60

YEAR

16

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500
HOURS

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.3	≥.25	≥.2	≥.15	≥.1	≥0
NO CEILING		84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 20000		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 18000		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 16000		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 14000		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 12000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 10000		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 9000		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 8000		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 7000		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 465

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

4101/ STATION: 05 N RAICHATHANI T-41/080N RTAFB 05-69

YEAR:

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LOCAL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	≥ 0
NO CEILING	77.1	76.6	77.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 18000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 16000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 14000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 12000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1800	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1200	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 900	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 800	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 700	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 600	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 400	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 300	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 200	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 100	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4

TOTAL NUMBER OF OBSERVATIONS

465

(9)

11

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

65-67

444

10

CEILING VERSUS VISIBILITY

WFOC-1100

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

465

USAFETAC

6. 4. 20

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DATA PROCESSING DIVISION
USAF ETAC
AIR SEASLER SERVICE/TAC

CEILING VERSUS VISIBILITY

41-17 10 N RAICHATHA [1] 10A/1000N PLAFS 65-69

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.10	≥ 0.05	≥ 0
NO CEILING	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1600	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1400	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 450	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 350	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 250	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

464

USAFETAC 0 14 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF TAC
 AIR FORCE SERVICE AC

CEILING VERSUS VISIBILITY

41-17 D. K. ICHIMURA 1-11/1965 STATION NAME 65-67

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 7000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 6000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 5000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 4000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 300	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 150	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 50	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 150	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 405

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41017
STATION

OBIN RAICHATHANI T-41/080N RTAFB 65-67
STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1870-2000
MO. Y. DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 20000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 18000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 16000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 14000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 12000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1600	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

465

USAFETAC

FORM
JUL 54

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

41317 11 N RA CHAFMANI T-41/0611 ZTAF 05-05
STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET:	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .15	≥ .10	≥ .05	≥ .01
NO CEILING		83.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 20000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 18000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 16000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 14000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 12000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 10000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 9000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1600		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1400		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1000		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 800		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 700		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 600		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 500		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 400		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 300		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 200		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 100		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 0		89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9

TOTAL NUMBER OF OBSERVATIONS

405

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky covering, tenths, plus actual sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Cloud cover (in amount) was not reported by U. S. Services until mid 1945. Data, when available, were reported for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in reports beginning sometime in 1945, but few stations have punched data prior to 1940. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2

DATA PROCESSING DIVISION
TAC/USAF
AIR CENTER SERVICE/AC

SKY COVER

41 17

STATION NAME

61-70

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS 1ST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	11	16.7	1.9	3.3	10.7	11.1	5.9	7.0	2.0	3.4	10.4	12.3	4.7	3716
FEB	24	24.0	13.1	2.5	10.2	3.0	6.8	6.0	2.1	5.5	5.3	11.9	3.8	3361
MAR	23	23.1	6.7	4.3	9.1	8.3	7.3	6.3	3.0	6.2	5.3	17.1	4.6	2776
APR	8	8.1	6.3	2.6	6.6	8.3	7.7	6.9	6.0	10.9	9.1	27.9	6.3	2878
MAY	1	1.7	1.1	1.1	2.7	4.4	6.1	6.2	4.1	12.0	15.9	44.7	6.1	2971
JUN	6	6.4	3	1	1.2	2.4	3.3	5.0	3.1	10.2	14.3	55.6	6.9	2874
JUL	7	7.2	1	1.2	1.5	2.3	4.2	5.8	2.2	8.5	14.6	60.3	8.9	2968
AUG	7	7.1	3	1.2	1.2	1.2	2.5	3.5	1.1	6.3	12.9	69.0	9.2	2972
SEP	4	6.4	1.2	1.1	1.6	2.8	3.8	5.8	2.2	8.9	17.8	55.4	8.7	2868
OCT	6	6.2	4.2	2.0	5.5	7.4	6.5	8.6	3.7	10.9	13.9	31.1	6.9	2966
NOV	16	16.6	9.0	4.8	8.8	9.7	7.5	8.3	3.4	7.4	10.3	14.5	4.5	2874
DEC	18	18.6	12.0	5.0	10.1	8.2	6.0	7.3	4.8	9.3	6.7	12.2	4.5	3705
TOTALS		10.0	5.5	2.3	5.7	6.2	5.7	6.4	3.1	9.0	11.7	34.3	6.6	37150

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/ETAC

SKY COVER

41-17 000000 RATCHATHANI THAI/UNION TAFIS 06-70
STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	30.3	10.0	3.4	12.3	10.0	6.0	4.3	.2	5.2	4.7	6.0	3.0	465
	03-05	29.6	16.1	3.4	9.2	11.0	6.7	5.2	.2	5.4	6.9	6.7	3.3	465
	06-08	10.0	4.5	3.4	10.1	10.1	7.0	6.3	1.9	11.3	17.5	16.6	5.8	464
	09-11	14.0	8.4	1.9	10.0	10.6	5.2	5.0	1.7	11.2	14.2	16.3	5.4	465
	12-14	8.4	8.6	2.2	7.1	13.1	9.0	9.3	3.2	10.1	13.4	15.1	5.6	464
	15-17	5.2	9.1	1.5	11.2	10.0	9.1	10.6	3.9	8.8	13.4	16.6	5.8	464
	18-20	9.9	9.9	5.4	12.9	10.0	7.8	8.6	2.6	9.3	8.6	14.4	5.1	464
	21-23	27.3	13.5	4.9	13.8	11.6	3.9	6.0	2.4	5.0	4.1	6.5	3.3	465
TOTALS		16.9	10.9	3.3	10.9	11.1	6.9	7.0	2.0	8.4	10.4	12.3	4.7	3716

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR ENTER SERVICE/NAO

SKY COVER

41017 41017 HATCHATMAI TRAI/JOIN PTAF

66-70

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS ILST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FF	00-02	44.3	14.3	3.3	2.2	0.2	4.5	4.3	2.4	3.6	4.3	3.0	2.4	422
	03-05	42.1	12.1	2.3	9.2	4.7	5.7	5.0	2.8	3.8	4.0	8.0	2.9	423
	06-08	18.7	9.0	1.7	9.3	10.2	2.2	8.1	2.6	6.9	6.9	21.1	5.0	422
	09-11	26.0	9.7	2.1	9.2	8.7	6.9	3.5	2.1	6.9	6.4	15.6	4.2	423
	12-14	19.4	13.9	2.6	9.9	7.1	10.9	6.6	1.4	6.4	6.6	15.1	4.4	423
	15-17	12.4	19.4	3.5	8.5	9.9	7.8	9.2	3.5	7.3	5.9	12.1	4.4	423
	18-20	23.3	11.6	2.1	9.7	11.0	7.8	7.1	.7	5.7	5.5	14.5	4.2	423
	21-23	35.2	14.7	1.7	16.1	10.2	3.7	4.3	.7	3.3	3.3	4.7	3.7	423
TOTALS		28.1	13.1	2.5	10.2	8.6	0.8	6.0	2.1	5.5	5.3	11.9	3.8	3381

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

SKY COVER

41017 0000 RAICHATHANI THAI/USAF ETAC

56-69

148

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS BET	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10	
00-02	34.1	7.5	5.9	9.9	5.4	6.2	6.2	1.9	4.3	3.8	9.9	3.2	372
03-05	32.3	8.1	7.0	7.5	6.7	5.4	6.2	2.4	5.4	3.5	15.6	3.3	372
06-08	13.4	7.5	4.6	6.5	4.6	5.6	7.8	3.0	12.6	7.3	27.2	5.9	372
09-11	25.5	5.6	1.9	8.6	5.9	3.3	6.5	3.0	8.9	4.6	21.2	4.8	372
12-14	11.3	8.3	2.4	11.3	12.1	11.0	6.2	2.7	5.3	7.5	18.8	5.3	372
15-17	9.1	11.0	2.7	13.2	12.9	9.9	6.7	4.0	7.5	5.6	17.2	5.1	372
18-20	19.1	9.4	4.8	7.3	9.1	5.1	6.5	3.0	11.0	7.5	17.2	4.9	372
21-23	35.6	6.7	5.4	8.1	9.7	6.5	4.0	4.3	7.8	2.4	9.9	3.5	372
TOTALS	23.1	8.0	4.3	9.1	8.3	7.3	6.3	3.0	8.2	5.3	17.1	4.6	2976

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

41217 J N RATCHATHANI THAI/UPON RTAFB 60-60 APR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	16.7	8.9	4.7	12.2	7.4	2.5	5.6	5.0	9.4	4.4	21.1	5.0	360
	03-05	14.4	7.5	3.1	8.3	10.0	5.3	9.4	6.4	8.3	4.4	22.8	5.4	360
	06-08	2.8	6.1	1.4	3.6	5.3	5.8	6.1	6.9	10.8	11.4	39.7	7.4	360
	09-11	8.1	4.7	1.7	6.4	6.7	6.9	6.4	3.9	10.3	9.2	35.3	6.7	360
	12-14	3.0	4.7		5.0	8.0	9.2	7.8	8.4	15.3	13.4	24.0	6.9	359
	15-17	1.9	6.7	2.8	4.7	10.0	15.0	8.4	4.5	13.4	11.4	21.2	6.4	359
	18-20	4.9	4.7	3.6	4.2	10.0	6.7	5.0	6.7	12.2	10.8	31.7	6.9	360
	21-23	13.1	6.7	3.3	7.5	4.7	4.7	6.1	6.4	7.2	8.1	27.2	5.8	360
TOTALS		6.1	6.3	2.6	6.6	8.8	7.0	6.9	6.0	10.9	9.1	27.9	6.3	2878

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

AY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS [LST]	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAY	00-02	5.9	3.0	2.2	7.0	5.4	4.6	6.5	5.9	11.8	8.9	39.0	7.2	372
	03-05	4.0	2.2	1.9	4.9	5.9	6.4	8.4	4.0	13.2	10.0	38.0	7.4	371
	06-08	.0	.3	1.1	1.9	1.9	4.8	4.8	1.3	10.2	16.9	56.2	8.7	372
	09-11		.3	1.3	.6	3.0	5.9	5.6	5.1	9.9	18.0	48.7	8.5	372
	12-14			.5	.5	2.2	7.8	6.2	5.4	18.3	24.3	34.8	8.4	371
	15-17		.3		.5	5.1	7.0	5.7	4.0	14.3	23.5	39.6	8.4	371
	18-20	.3	.3		1.6	2.4	4.6	7.5	3.5	7.8	15.6	56.3	8.7	371
	21-23	2.2	1.9	1.9	4.9	3.0	5.7	5.4	3.5	10.5	10.2	45.3	7.7	371
												</		

DATA PROCESSING DIVISION
ETAG/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

41017 DR N RATCHATHAI THAI/UBEN PTAER

66-64

July

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JULY	00-02	.8	.4		1.7	3.9	5.0	6.7	5.6	10.3	14.8	51.0	8.5	359
	03-05	.8	.3	.3	1.4	4.7	4.4	8.6	3.1	9.4	14.7	52.2	8.5	360
	06-08	.5	.3		1.7	.6	1.9	2.6	2.2	7.7	15.9	67.1	9.2	359
	09-11		.3		.3	.6	3.1	3.6	2.5	10.8	16.9	61.7	9.1	360
	12-14					1.9	5.6	5.0	2.5	11.4	27.3	46.2	8.6	359
	15-17				.6	1.4	3.6	3.9	2.8	11.4	27.9	48.5	8.9	359
	18-20		.3			1.9	2.3	3.6	1.4	10.0	15.8	64.4	9.2	360
	21-23		.6	.3	2.2	3.6	5.0	5.6	4.7	11.2	13.4	53.4	8.6	358

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SKY COVER

41017 11 N. RAICHATHANI THAI/US IN STAFB 66-67 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	1.1		.3	3.0	3.3	4.3	7.8	2.2	9.2	7.0	61.5	8.6	371
	03-05	.3	.5		3.0	3.5	5.4	7.3	1.6	10.8	9.2	58.2	8.6	371
	06-08			.3	1.3	2.7	2.7	3.0	.3	6.2	18.3	65.2	9.2	371
	09-11		.3	.3	.5	1.6	3.5	3.8	2.4	6.2	16.7	64.4	9.1	371
	12-14					1.4	3.1	7.0	3.5	7.6	21.1	54.3	8.9	370
	15-17					.8	5.1	6.2	2.4	10.0	22.6	52.8	8.9	371
	18-20			.3	.3	1.3	2.2	5.1	2.4	8.1	13.2	67.1	9.2	371
	21-23	.3		.5	3.8	3.2	5.4	6.5	2.7	10.2	8.3	59.1	8.6	372
TOTALS		.1	.1	.2	1.5	2.3	4.2	5.8	2.2	8.5	14.6	60.3	8.9	2968

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

41-17 00-02 WATCHATHANI THAI/USON RTAFB

66-67

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG.	00-02	.5	.6	.3	1.0	3.5	4.9	3.5	.8	6.7	7.8	69.5	8.9	371
	03-05		1.3	.5	2.2	2.9	4.6	6.7	1.3	7.5	9.4	63.9	8.8	371
	06-08			.5	.5	.8	1.3	3.0	.3	6.2	10.2	77.2	9.5	372
	09-11				.3	.5	1.1	3.0	.8	8.3	13.2	72.8	9.5	372
	12-14					.3	3.0	2.2	1.3	11.8	17.7	63.7	9.3	372
	15-17				.5	.5	1.3	2.7	1.3	10.8	17.5	65.3	9.3	372
	18-20				.3	.3	1.9	2.2	.8	5.7	14.6	74.4	9.5	371
	21-23				.8	1.6	3.0	4.9	2.2	9.2	12.9	65.5	9.1	371
TOTALS		.1	.3	.2	.8	1.2	2.6	3.5	1.1	8.3	12.9	69.0	9.2	2972

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SKY COVER

41017 13 N RATCHATHANI THAI/USAF STAFB
STATION STATION NAME

66-69

PERIOD

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	.0	.3	2.2	1.4	5.0	5.3	5.9	1.1	10.9	9.8	57.3	8.5	358
	03-05	.0	.3	2.0	5.0	4.2	2.8	5.6	3.9	11.5	12.0	52.0	6.3	358
	06-08		.3		.8	.8	3.6	4.3	2.0	5.0	16.5	66.4	9.2	357
	09-11	.3		.8	.0	1.7	1.9	3.3	3.1	6.7	21.2	60.4	9.1	359
	12-14	.6	.0	.8	.0	1.9	3.9	5.0	1.4	9.5	22.8	52.9	8.8	359
	15-17			.8	2.2	1.4	4.2	4.2	3.6	9.7	28.4	45.4	8.7	359
	18-20			1.1	.0	2.2	2.2	8.9	1.1	10.0	18.7	54.9	8.8	359
	21-23	.0		1.4	1.7	5.0	6.1	8.9	1.7	8.1	12.8	53.5	8.4	359
TOTALS		.4	.2	1.1	1.6	2.6	3.8	5.8	2.2	8.9	17.8	55.4	8.7	2868

SKY COVER

61017	CHICAGO AIRPORT STATION
STATION	STATION NAME

66-60

MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	12.4	5.4	2.7	7.0	9.4	5.4	9.4	1.9	9.4	10.2	26.1	6.0	372
	03-05	11.0	4.0	1.6	7.4	9.9	5.9	10.2	4.0	11.0	9.9	24.5	6.1	372
	06-08	2.2	4.6	2.2	4.6	5.9	7.0	6.5	4.3	11.3	17.2	34.1	7.4	372
	09-11	3.2	5.7	1.1	3.2	6.0	5.1	8.0	2.2	12.2	21.4	30.5	7.3	370
	12-14	1.6	3.3	1.9	3.5	4.6	6.5	8.4	4.3	14.7	22.0	29.1	7.6	368
	15-17	2.2	3.8	1.3	6.7	6.2	8.6	7.0	2.7	12.4	13.5	35.6	7.3	371
	18-20	6.2	2.4	2.4	4.3	7.0	6.1	9.5	4.1	7.8	9.2	38.1	7.0	370
	21-23	10.5	4.3	2.4	5.9	8.6	5.9	8.9	6.2	8.6	7.8	30.7	6.3	371
TOTALS		6.2	4.2	2.0	5.5	7.4	6.6	8.6	3.7	10.9	13.9	31.1	6.9	2964

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

SKY COVER

41017 WU N RATCHATHANI THAI/UNION RTAFB
STATION STATION NAME

66-60

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS -LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
01-02	00-02	34.7	9.2	5.6	8.9	9.4	7.5	5.0	2.8	5.0	3.1	8.6	3.3	360
	03-05	15.4	8.4	4.5	2.7	3.6	0.7	4.5	2.2	7.5	3.6	8.9	3.4	159
	06-08	8.9	11.2	4.7	7.5	5.3	9.5	9.5	3.1	8.9	11.5	20.4	5.7	358
	09-11	10.0	14.7	4.2	6.7	6.1	4.2	7.5	2.2	7.2	15.0	19.2	5.4	360
	12-14	4.4	4.4	4.7	8.6	9.7	10.0	11.1	4.7	6.9	17.8	15.6	6.2	360
	15-17	5.3	5.4	4.4	8.9	11.7	7.5	9.4	4.2	10.6	15.0	16.7	6.0	360
	18-20	10.1	12.3	5.3	8.9	7.8	8.7	11.5	4.2	7.0	9.5	14.8	5.1	358
	21-23	25.3	11.9	4.4	10.6	8.6	5.6	7.5	3.6	3.9	6.7	11.9	4.0	360
TOTALS		16.1	9.8	4.8	8.8	8.7	7.5	8.3	3.4	7.4	11.3	14.5	4.9	2875

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

41017 GREEN KATCHATHAFTI TRAI/UBON STAFF 65-65
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	40.0	12.7	6.5	8.0	5.0	4.5	5.8	3.5	6.9	2.2	5.7	2.8	463
	03-05	42.7	11.5	5.2	6.7	5.2	4.1	4.7	3.0	3.7	3.9	8.4	2.9	463
	06-08	7.5	13.0	3.9	7.8	8.7	5.1	8.9	6.1	11.0	11.0	15.8	5.5	467
	09-11	11.4	14.2	4.1	11.0	8.4	5.6	7.1	5.2	10.1	5.6	17.2	5.7	464
	12-14	3.2	11.2	4.5	9.9	11.9	5.2	8.0	4.5	13.6	10.2	14.7	5.7	463
	15-17	3.2	9.1	3.7	13.6	10.2	6.4	7.6	6.5	12.8	9.1	16.5	5.8	462
	18-20	12.1	11.2	4.3	13.4	8.9	5.8	8.6	5.6	10.2	7.1	12.7	4.9	463
	21-23	28.7	12.5	7.6	10.8	6.3	5.2	7.6	3.9	6.3	4.1	6.9	3.4	463
TOTALS		14.0	12.0	5.0	10.1	6.2	6.0	7.3	4.8	9.3	6.7	12.2	4.5	3705

DATA PROCESSING DIVISION
HMAC/USAF
AIR WEATHER SERVICE (HMAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative Percentage Frequency of occurrence - derived from daily observations and presented by month and annual for all years to date. These tabulations provide the cumulative percentage frequency to tenths of temperature by 0.5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in these separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extremes - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Frequency Summary of Dry-bulb distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 1/2° increments spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperatures combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total number of observations for each item is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1946, nor subsequent to June 1953; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviation. - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

[illegible][illegible]

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1													
2													
3													
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99													
100													
MEAN	7.4	7.4	84.0	84.8	34.2	23.4	22.3	31.7	23.8	20.4	28.3	25.	27.7
TOTAL OBS	4,468	3,247	4,332	3,057	2,133	2,136	2,419	1,735	2,280	2,862	2,182	4,534	4,727
USAF ETAC	157	141	124	120	124	120	124	124	120	120	120	158	151

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FBI LABOR DIVISION
 WASH DC
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1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

| STATION | STATION NAME | STATION NO. |
|---------|--------------|-------------|
| 1 | STATION 1 | 1 |
| 2 | STATION 2 | 2 |
| 3 | STATION 3 | 3 |
| 4 | STATION 4 | 4 |
| 5 | STATION 5 | 5 |
| 6 | STATION 6 | 6 |
| 7 | STATION 7 | 7 |
| 8 | STATION 8 | 8 |
| 9 | STATION 9 | 9 |
| 10 | STATION 10 | 10 |
| 11 | STATION 11 | 11 |
| 12 | STATION 12 | 12 |
| 13 | STATION 13 | 13 |
| 14 | STATION 14 | 14 |
| 15 | STATION 15 | 15 |
| 16 | STATION 16 | 16 |
| 17 | STATION 17 | 17 |
| 18 | STATION 18 | 18 |
| 19 | STATION 19 | 19 |
| 20 | STATION 20 | 20 |
| 21 | STATION 21 | 21 |
| 22 | STATION 22 | 22 |
| 23 | STATION 23 | 23 |
| 24 | STATION 24 | 24 |
| 25 | STATION 25 | 25 |
| 26 | STATION 26 | 26 |
| 27 | STATION 27 | 27 |
| 28 | STATION 28 | 28 |
| 29 | STATION 29 | 29 |
| 30 | STATION 30 | 30 |
| 31 | STATION 31 | 31 |
| 32 | STATION 32 | 32 |
| 33 | STATION 33 | 33 |
| 34 | STATION 34 | 34 |
| 35 | STATION 35 | 35 |
| 36 | STATION 36 | 36 |
| 37 | STATION 37 | 37 |
| 38 | STATION 38 | 38 |
| 39 | STATION 39 | 39 |
| 40 | STATION 40 | 40 |
| 41 | STATION 41 | 41 |
| 42 | STATION 42 | 42 |
| 43 | STATION 43 | 43 |
| 44 | STATION 44 | 44 |
| 45 | STATION 45 | 45 |
| 46 | STATION 46 | 46 |
| 47 | STATION 47 | 47 |
| 48 | STATION 48 | 48 |
| 49 | STATION 49 | 49 |
| 50 | STATION 50 | 50 |
| 51 | STATION 51 | 51 |
| 52 | STATION 52 | 52 |
| 53 | STATION 53 | 53 |
| 54 | STATION 54 | 54 |
| 55 | STATION 55 | 55 |
| 56 | STATION 56 | 56 |
| 57 | STATION 57 | 57 |
| 58 | STATION 58 | 58 |
| 59 | STATION 59 | 59 |
| 60 | STATION 60 | 60 |
| 61 | STATION 61 | 61 |
| 62 | STATION 62 | 62 |
| 63 | STATION 63 | 63 |
| 64 | STATION 64 | 64 |
| 65 | STATION 65 | 65 |
| 66 | STATION 66 | 66 |
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| 69 | STATION 69 | 69 |
| 70 | STATION 70 | 70 |
| 71 | STATION 71 | 71 |
| 72 | STATION 72 | 72 |
| 73 | STATION 73 | 73 |
| 74 | STATION 74 | 74 |
| 75 | STATION 75 | 75 |
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| 77 | STATION 77 | 77 |
| 78 | STATION 78 | 78 |
| 79 | STATION 79 | 79 |
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| 81 | STATION 81 | 81 |
| 82 | STATION 82 | 82 |
| 83 | STATION 83 | 83 |
| 84 | STATION 84 | 84 |
| 85 | STATION 85 | 85 |
| 86 | STATION 86 | 86 |
| 87 | STATION 87 | 87 |
| 88 | STATION 88 | 88 |
| 89 | STATION 89 | 89 |
| 90 | STATION 90 | 90 |
| 91 | STATION 91 | 91 |
| 92 | STATION 92 | 92 |
| 93 | STATION 93 | 93 |
| 94 | STATION 94 | 94 |
| 95 | STATION 95 | 95 |
| 96 | STATION 96 | 96 |
| 97 | STATION 97 | 97 |
| 98 | STATION 98 | 98 |
| 99 | STATION 99 | 99 |
| 100 | STATION 100 | 100 |

YEARS

EXTREME VALUES

FROM DAILY OBSERVATIONS.

ALL RIGHTS RESERVED

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|-----------|------|------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|------------|
| 1961 | 94 | 99 | 100 | 101 | 100 | 94 | 97 | 93 | 97 | 97 | 91 | 94 | 97 |
| 1962 | 94 | 96 | 101 | 100 | 97 | 98 | 93 | 90 | 98 | 97 | 95 | 97 | 97 |
| 1963 | 97 | 93 | 101 | 101 | 97 | 99 | 94 | 91 | 97 | 97 | 99 | 98 | 97 |
| 1964 | 95 | 97 | 100 | 101 | 99 | 98 | 97 | 92 | 97 | 97 | 99 | 97 | 97 |
| 1965 | 94 | 99 | | | | | | | | | | | |
| MEAN | 94.2 | 96.4 | 101.0 | 101.3 | 99.9 | 98.0 | 94.3 | 91.5 | 93.9 | 91.3 | 91.8 | 97.0 | 97.1 |
| S.D. | 1.43 | 1.43 | .510 | .500 | 1.530 | .957 | 2.007 | 1.250 | 3.473 | 2.872 | 1.752 | 1.271 | .777 |
| TOTAL OBS | 145 | 141 | 124 | 120 | 124 | 120 | 124 | 124 | 120 | 124 | 120 | 120 | 1200 |

PLATE PLAC 0885 QU

2

U.S. DEPARTMENT OF COMMERCE
BUREAU OF MARINE FISHERIES
FISH AND WILDLIFE SERVICE

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION NAME
STATION NUMBER

YEARS

TEMPERATURE

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|
| YEAR | | | | | | | | | | | | | |
| | 64 | 65 | 67 | 70 | 70 | 71 | 71 | 72 | 71 | 71 | 74 | 74 | 74 |
| | 65 | 67 | 69 | 69 | 71 | 71 | 72 | 72 | 73 | 73 | 75 | 75 | 75 |
| | 66 | 68 | 70 | 71 | 72 | 72 | 73 | 73 | 74 | 74 | 76 | 76 | 76 |
| | 67 | 69 | 71 | 72 | 73 | 73 | 74 | 74 | 75 | 75 | 77 | 77 | 77 |
| | 68 | 70 | 72 | 73 | 74 | 74 | 75 | 75 | 76 | 76 | 78 | 78 | 78 |
| | 69 | 71 | 73 | 74 | 75 | 75 | 76 | 76 | 77 | 77 | 79 | 79 | 79 |
| | 70 | 72 | 74 | 75 | 76 | 76 | 77 | 77 | 78 | 78 | 80 | 80 | 80 |
| | 71 | 73 | 75 | 76 | 77 | 77 | 78 | 78 | 79 | 79 | 81 | 81 | 81 |
| | 72 | 74 | 76 | 77 | 78 | 78 | 79 | 79 | 80 | 80 | 82 | 82 | 82 |
| | 73 | 75 | 77 | 78 | 79 | 79 | 80 | 80 | 81 | 81 | 83 | 83 | 83 |
| | 74 | 76 | 78 | 79 | 80 | 80 | 81 | 81 | 82 | 82 | 84 | 84 | 84 |
| | 75 | 77 | 79 | 80 | 81 | 81 | 82 | 82 | 83 | 83 | 85 | 85 | 85 |
| | 76 | 78 | 80 | 81 | 82 | 82 | 83 | 83 | 84 | 84 | 86 | 86 | 86 |
| | 77 | 79 | 81 | 82 | 83 | 83 | 84 | 84 | 85 | 85 | 87 | 87 | 87 |
| | 78 | 80 | 82 | 83 | 84 | 84 | 85 | 85 | 86 | 86 | 88 | 88 | 88 |
| | 79 | 81 | 83 | 84 | 85 | 85 | 86 | 86 | 87 | 87 | 89 | 89 | 89 |
| | 80 | 82 | 84 | 85 | 86 | 86 | 87 | 87 | 88 | 88 | 90 | 90 | 90 |
| | 81 | 83 | 85 | 86 | 87 | 87 | 88 | 88 | 89 | 89 | 91 | 91 | 91 |
| | 82 | 84 | 86 | 87 | 88 | 88 | 89 | 89 | 90 | 90 | 92 | 92 | 92 |
| | 83 | 85 | 87 | 88 | 89 | 89 | 90 | 90 | 91 | 91 | 93 | 93 | 93 |
| | 84 | 86 | 88 | 89 | 90 | 90 | 91 | 91 | 92 | 92 | 94 | 94 | 94 |
| | 85 | 87 | 89 | 90 | 91 | 91 | 92 | 92 | 93 | 93 | 95 | 95 | 95 |
| | 86 | 88 | 90 | 91 | 92 | 92 | 93 | 93 | 94 | 94 | 96 | 96 | 96 |
| | 87 | 89 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 97 | 97 | 97 |
| | 88 | 90 | 92 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 98 | 98 | 98 |
| | 89 | 91 | 93 | 94 | 95 | 95 | 96 | 96 | 97 | 97 | 99 | 99 | 99 |
| | 90 | 92 | 94 | 95 | 96 | 96 | 97 | 97 | 98 | 98 | 100 | 100 | 100 |
| | 91 | 93 | 95 | 96 | 97 | 97 | 98 | 98 | 99 | 99 | 101 | 101 | 101 |
| | 92 | 94 | 96 | 97 | 98 | 98 | 99 | 99 | 100 | 100 | 102 | 102 | 102 |
| | 93 | 95 | 97 | 98 | 99 | 99 | 100 | 100 | 101 | 101 | 103 | 103 | 103 |
| | 94 | 96 | 98 | 99 | 100 | 100 | 101 | 101 | 102 | 102 | 104 | 104 | 104 |
| | 95 | 97 | 99 | 100 | 101 | 101 | 102 | 102 | 103 | 103 | 105 | 105 | 105 |
| | 96 | 98 | 100 | 101 | 102 | 102 | 103 | 103 | 104 | 104 | 106 | 106 | 106 |
| | 97 | 99 | 101 | 102 | 103 | 103 | 104 | 104 | 105 | 105 | 107 | 107 | 107 |
| | 98 | 100 | 102 | 103 | 104 | 104 | 105 | 105 | 106 | 106 | 108 | 108 | 108 |
| | 99 | 101 | 103 | 104 | 105 | 105 | 106 | 106 | 107 | 107 | 109 | 109 | 109 |
| | 100 | 102 | 104 | 105 | 106 | 106 | 107 | 107 | 108 | 108 | 110 | 110 | 110 |
| | 101 | 103 | 105 | 106 | 107 | 107 | 108 | 108 | 109 | 109 | 111 | 111 | 111 |
| | 102 | 104 | 106 | 107 | 108 | 108 | 109 | 109 | 110 | 110 | 112 | 112 | 112 |
| | 103 | 105 | 107 | 108 | 109 | 109 | 110 | 110 | 111 | 111 | 113 | 113 | 113 |
| | 104 | 106 | 108 | 109 | 110 | 110 | 111 | 111 | 112 | 112 | 114 | 114 | 114 |
| | 105 | 107 | 109 | 110 | 111 | 111 | 112 | 112 | 113 | 113 | 115 | 115 | 115 |
| | 106 | 108 | 110 | 111 | 112 | 112 | 113 | 113 | 114 | 114 | 116 | 116 | 116 |
| | 107 | 109 | 111 | 112 | 113 | 113 | 114 | 114 | 115 | 115 | 117 | 117 | 117 |
| | 108 | 110 | 112 | 113 | 114 | 114 | 115 | 115 | 116 | 116 | 118 | 118 | 118 |
| | 109 | 111 | 113 | 114 | 115 | 115 | 116 | 116 | 117 | 117 | 119 | 119 | 119 |
| | 110 | 112 | 114 | 115 | 116 | 116 | 117 | 117 | 118 | 118 | 120 | 120 | 120 |
| | 111 | 113 | 115 | 116 | 117 | 117 | 118 | 118 | 119 | 119 | 121 | 121 | 121 |
| | 112 | 114 | 116 | 117 | 118 | 118 | 119 | 119 | 120 | 120 | 122 | 122 | 122 |
| | 113 | 115 | 117 | 118 | 119 | 119 | 120 | 120 | 121 | 121 | 123 | 123 | 123 |
| | 114 | 116 | 118 | 119 | 120 | 120 | 121 | 121 | 122 | 122 | 124 | 124 | 124 |
| | 115 | 117 | 119 | 120 | 121 | 121 | 122 | 122 | 123 | 123 | 125 | 125 | 125 |
| | 116 | 118 | 120 | 121 | 122 | 122 | 123 | 123 | 124 | 124 | 126 | 126 | 126 |
| | 117 | 119 | 121 | 122 | 123 | 123 | 124 | 124 | 125 | 125 | 127 | 127 | 127 |
| | 118 | 120 | 122 | 123 | 124 | 124 | 125 | 125 | 126 | 126 | 128 | 128 | 128 |
| | 119 | 121 | 123 | 124 | 125 | 125 | 126 | 126 | 127 | 127 | 129 | 129 | 129 |
| | 120 | 122 | 124 | 125 | 126 | 126 | 127 | 127 | 128 | 128 | 130 | 130 | 130 |
| | 121 | 123 | 125 | 126 | 127 | 127 | 128 | 128 | 129 | 129 | 131 | 131 | 131 |
| | 122 | 124 | 126 | 127 | 128 | 128 | 129 | 129 | 130 | 130 | 132 | 132 | 132 |
| | 123 | 125 | 127 | 128 | 129 | 129 | 130 | 130 | 131 | 131 | 133 | 133 | 133 |
| | 124 | 126 | 128 | 129 | 130 | 130 | 131 | 131 | 132 | 132 | 134 | 134 | 134 |
| | 125 | 127 | 129 | 130 | 131 | 131 | 132 | 132 | 133 | 133 | 135 | 135 | 135 |
| | 126 | 128 | 130 | 131 | 132 | 132 | 133 | 133 | 134 | 134 | 136 | 136 | 136 |
| | 127 | 129 | 131 | 132 | 133 | 133 | 134 | 134 | 135 | 135 | 137 | 137 | 137 |
| | 128 | 130 | 132 | 133 | 134 | 134 | 135 | 135 | 136 | 136 | 138 | 138 | 138 |
| | 129 | 131 | 133 | 134 | 135 | 135 | 136 | 136 | 137 | 137 | 139 | 139 | 139 |
| | 130 | 132 | 134 | 135 | 136 | 136 | 137 | 137 | 138 | 138 | 140 | 140 | 140 |
| | 131 | 133 | 135 | 136 | 137 | 137 | 138 | 138 | 139 | 139 | 141 | 141 | 141 |
| | 132 | 134 | 136 | 137 | 138 | 138 | 139 | 139 | 140 | 140 | 142 | 142 | 142 |
| | 133 | 135 | 137 | 138 | 139 | 139 | 140 | 140 | 141 | 141 | 143 | 143 | 143 |
| | 134 | 136 | 138 | 139 | 140 | 140 | 141 | 141 | 142 | 142 | 144 | 144 | 144 |
| | 135 | 137 | 139 | 140 | 141 | 141 | 142 | 142 | 143 | 143 | 145 | 145 | 145 |
| | 136 | 138 | 140 | 141 | 142 | 142 | 143 | 143 | 144 | 144 | 146 | 146 | 146 |
| | 137 | 139 | 141 | 142 | 143 | 143 | 144 | 144 | 145 | 145 | 147 | 147 | 147 |
| | 138 | 140 | 142 | 143 | 144 | 144 | 145 | 145 | 146 | 146 | 148 | 148 | 148 |
| | 139 | 141 | 143 | 144 | 145 | 145 | 146 | 146 | 147 | 147 | 149 | 149 | 149 |
| | 140 | 142 | 144 | 145 | 146 | 146 | 147 | 147 | 148 | 148 | 150 | 150 | 150 |
| | 141 | 143 | 145 | 146 | 147 | 147 | 148 | 148 | 149 | 149 | 151 | 151 | 151 |
| | 142 | 144 | 146 | 147 | 148 | 148 | 149 | 149 | 150 | 150 | 152 | 152 | 152 |
| | 143 | 145 | 147 | 148 | 149 | 149 | 150 | 150 | 151 | 151 | 153 | 153 | 153 |
| | 144 | 146 | 148 | 149 | 150 | 150 | 151 | 151 | 152 | 152 | 154 | 154 | 154 |
| | 145 | 147 | 149 | 150 | 151 | 151 | 152 | 152 | 153 | 153 | 155 | 155 | 155 |
| | 146 | 148 | 150 | 151 | 152 | 152 | 153 | 153 | 154 | 154 | 156 | 156 | 156 |
| | 147 | 149 | 151 | 152 | 153 | 153 | 154 | 154 | 155 | 155 | 157 | 157 | 157 |
| | 148 | 150 | 152 | 153 | 154 | 154 | 155 | 155 | 156 | 156 | 158 | 158 | 158 |
| | 149 | 151 | 153 | 154 | 155 | 155 | 156 | 156 | 157 | 157 | 159 | 159 | 159 |
| | 150 | 152 | 154 | 155 | 156 | 156 | 157 | 157 | 158 | 158 | 160 | 160 | 160 |
| | 151 | 153 | 155 | 156 | 157 | 157 | 158 | 158 | 159 | 159 | 161 | 161 | 161 |
| | 152 | 154 | 156 | 157 | 158 | 158 | 159 | 159 | 160 | 160 | 162 | 162 | 162 |
| | 153 | 155 | 157 | 158 | 159 | 159 | 160 | 160 | 161 | 161 | 163 | 163 | 163 |
| | 154 | 156 | 158 | 159 | 160 | 160 | 161 | 161 | 162 | 162 | 164 | 164 | 164 |
| | 155 | 157 | 159 | 160 | 161 | 161 | 162 | 162 | 163 | 163 | 165 | 165 | 165 |
| | 156 | 158 | 160 | 161 | 162 | 162 | 163 | 163 | 164 | 164 | 166 | 166 | 166 |
| | 157 | 159 | 161 | 162 | 163 | 163 | 164 | 164 | 165 | 165 | 167 | 167 | 167 |
| | 158 | 160 | 162 | 163 | 164 | 164 | 165 | 165 | 166 | 166 | 168 | 168 | 168 |
| | 159 | 161 | 163 | 164 | 165 | 165 | 166 | 166 | 167 | 167 | 169 | 169 | 169 |
| | 160 | 162 | 164 | 165 | 166 | 166 | 167 | 167 | 168 | 168 | 170 | 170 | 170 |
| | 161 | 163 | 165 | 166 | 167 | 167 | 168 | 168 | 169 | 169 | 171 | 171 | 171 |
| | 162 | 164 | 166 | 167 | 168 | 168 | 169 | 169 | 170 | 170 | 172 | 172 | 172 |
| | 163 | 165 | 167 | 168 | 169 | 169 | 170 | 170 | 171 | 171 | 173 | 173 | 173 |
| | 164 | 166 | 168 | 169 | 170 | 170 | 171 | 171 | 172 | 172 | 174 | 174 | 174 |
| | 165 | 167 | 169 | 170 | 171 | 171 | 172 | 172 | 173 | 173 | 175 | 175 | 175 |
| | 166 | 168 | 170 | 171 | 172 | 172 | 173 | 173 | 174 | 174 | 176 | 176 | 176 |
| | 167 | 169 | 171 | 172 | 173 | 173 | 174 | 174 | 175 | 175 | 177 | 177 | 177 |
| | 168 | 170 | 172 | 173 | | | | | | | | | |

PSYCHROMETRIC SUMMARY

ALL

Page 7

ALL

143 155 1.5. 1

[illegible]

PSYCHROMETRIC SUMMARY

41017 URON RATCHATHANI THAI/URON RTAFB 66-70

JA.

PAGE 1

444

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|-------------------------------------|-------|--------|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|------|----------|----------|-----------|--|
| F | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 96/ 94 | | | | | | | | | | | | | .0 | .1 | .1 | | | | | .1 | .2 | | | .0 | | | | | | | | | 16 | 10 | | | | |
| 94/ 94 | | | | | | | | | | | | .0 | .0 | .4 | .3 | | | | | .1 | .2 | | | | | | | | | | | | 45 | 45 | | | | |
| 92/ 91 | | | | | | | | | | | .0 | .3 | .8 | .7 | | | | | .6 | .2 | .1 | .0 | | | | | | | | | | 103 | 103 | | | | | |
| 90/ 89 | | | | | | | | | | .0 | .2 | .6 | .5 | 1.1 | | | | | .5 | .2 | .1 | | | | | | | | | | | 131 | 131 | | | | | |
| 88/ 87 | | | | | | | | .1 | .2 | .9 | 1.5 | 1.1 | | .5 | | | | | .5 | .1 | | | | | | | | | | | | 166 | 166 | | | | | |
| 86/ 85 | | | | | | | .2 | .7 | 1.7 | 1.4 | 1.2 | | .1 | | | | | | .1 | | | | | | | | | | | | | 206 | 206 | | | | | |
| 84/ 83 | | | | | | .1 | .4 | 1.3 | 1.6 | 1.5 | | .7 | .3 | | | | | | .3 | | | | | | | | | | | | | 214 | 214 | | | | | |
| 82/ 81 | | | | | .0 | .4 | 1.0 | 1.9 | 1.5 | 1.3 | | .5 | .0 | | | | | | .0 | | | | | | | | | | | | | 250 | 250 | 3 | | | | |
| 80/ 79 | | | | .2 | 1.2 | 1.6 | | .9 | 1.4 | 1.1 | | .1 | | | | | | | | | | | | | | | | | | | | 244 | 244 | | | | | |
| 78/ 77 | | | .0 | 1.0 | 1.6 | 1.7 | | .8 | .7 | .4 | | | | | | | | | | | | | | | | | | | | | | 231 | 231 | 62 | | | | |
| 76/ 75 | | | .0 | 1.0 | 2.3 | 1.1 | 1.1 | .3 | | .1 | | | | | | | | | | | | | | | | | | | | | | 269 | 259 | 90 | 9 | | | |
| 74/ 73 | | | .8 | 2.7 | 1.9 | .8 | .9 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | 277 | 277 | 227 | 4 | | | |
| 72/ 71 | | .2 | 2.3 | 2.2 | 1.7 | .7 | .8 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 300 | 300 | 388 | 49 | | | |
| 70/ 69 | | .8 | 3.4 | 2.1 | 1.3 | .6 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 318 | 318 | 526 | 152 | | | |
| 68/ 67 | | .7 | 3.4 | 1.6 | 1.3 | .3 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | 275 | 275 | 559 | 320 | | | |
| 66/ 65 | | 1.1 | 2.1 | 1.6 | .9 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 217 | 217 | 498 | 456 | | | |
| 64/ 63 | | 1.0 | 1.6 | 1.3 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 169 | 169 | 476 | 634 | | | |
| 62/ 61 | | .4 | 1.5 | 1.6 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | 138 | 138 | 276 | 498 | | | |
| 60/ 59 | | .3 | .7 | .6 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | 66 | 66 | 234 | 391 | | | |
| 58/ 57 | | .2 | .6 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | 161 | 357 | | | |
| 56/ 55 | | .3 | .2 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | 101 | 313 | | | |
| 54/ 53 | | .1 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 59 | 240 | | | |
| 52/ 51 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 30 | 169 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 56 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 73 | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| TOTAL | 5.117 | 17.417 | 113.9 | 8.9 | 9.11 | .1 | 9.3 | 5.8 | 2.2 | .7 | .2 | .1 | | | | | | | | | | | | | | | | | | | | 3720 | 3720 | 3720 | | | | |

| Element (X) | Σx' | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|----------|--------|-----------|------------|----------|------------------------------------|--------|--------|--------|-----|-------|
| Rel. Hum. | 15758383 | 235309 | 63.315 | 329 | 3720 | < 67 F | < 73 F | < 80 F | < 93 F | | |
| Dry Bulb | 21269270 | 279298 | 75.1 | 8.975 | 3720 | 607.8 | 429.2 | 247.8 | 11.0 | 744 | |
| Wet Bulb | 16325142 | 245582 | 66.0 | 5.503 | 3720 | 372.6 | 78.0 | 1.0 | | 744 | |
| Dew Point | 13881222 | 226292 | 60.8 | 5.576 | 3720 | 106.8 | 2.0 | | | 744 | |

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 USLN RATCHATHANI THAI/UBON RTAFB 66-70

FEB

PAGE 1

ALL

HOURS: 24.0

| Temp.
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | | | |
|------------|-------------------------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|-----|-----|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 100/ 99 | | | | | | | | | | | | | | | | | | | .1 | .2 | .3 | .4 | .5 | .6 | | | | | | | | | | 6 | 6 | | | | |
| 98/ 97 | | | | | | | | | | | | | | | | | | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 31 | 31 | | | | |
| 96/ 95 | | | | | | | | | | | | | | | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 72 | 72 | | | | |
| 94/ 93 | | | | | | | | | | | | | | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 113 | 113 | | | | |
| 92/ 91 | | | | | | | | | | | | | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 104 | 104 | | | | |
| 90/ 89 | | | | | | | | | | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 156 | 156 | | | | |
| 88/ 87 | | | | | | | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 188 | 188 | | | | |
| 86/ 85 | | | | | | | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 207 | 207 | | | | |
| 84/ 83 | | | | | | .1 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 194 | 194 | | | | |
| 82/ 81 | | | | | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 262 | 262 | 17 | | | |
| 80/ 79 | | | | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 224 | 224 | 45 | | | |
| 78/ 77 | | | .0 | .7 | 1.0 | 1.3 | 1.6 | 1.9 | 2.2 | 2.5 | 2.8 | 3.1 | 3.4 | 3.7 | 4.0 | 4.3 | 4.6 | 4.9 | 5.2 | 5.5 | 5.8 | 6.1 | 6.4 | 6.7 | 7.0 | 7.3 | 7.6 | 7.9 | 8.2 | 8.5 | 8.8 | 9.1 | 9.4 | 259 | 259 | 101 | 4 | | |
| 76/ 75 | | .3 | 1.4 | 1.7 | 2.0 | 2.3 | 2.6 | 2.9 | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 4.7 | 5.0 | 5.3 | 5.6 | 5.9 | 6.2 | 6.5 | 6.8 | 7.1 | 7.4 | 7.7 | 8.0 | 8.3 | 8.6 | 8.9 | 9.2 | 9.5 | 9.8 | 10.1 | 10.4 | 258 | 258 | 152 | 35 | | |
| 74/ 73 | | .5 | 1.2 | 2.0 | 1.4 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | .3 | .7 | 217 | 217 | 389 | 84 | | |
| 72/ 71 | | .4 | 1.5 | 1.7 | 1.0 | .9 | .7 | .1 | .9 | .7 | .1 | .9 | .7 | .1 | .9 | .7 | .1 | .9 | .7 | .1 | .9 | .7 | .1 | .9 | .7 | .1 | .9 | .7 | .1 | .9 | .7 | .1 | .9 | 213 | 213 | 497 | 113 | | |
| 70/ 69 | | .2 | 2.2 | 1.1 | 1.1 | .6 | .2 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 193 | 193 | 433 | 257 | | |
| 68/ 67 | | .7 | 2.5 | 1.4 | 1.2 | .6 | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 220 | 220 | 341 | 339 | | |
| 66/ 65 | | .3 | 1.2 | 1.0 | 1.2 | .1 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 147 | 147 | 368 | 431 | |
| 64/ 63 | | .1 | .9 | 1.4 | .9 | .0 | | | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | 113 | 113 | 326 | 507 | |
| 62/ 61 | | .1 | 1.3 | 1.1 | .4 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | 88 | 88 | 209 | 350 | |
| 60/ 59 | | .1 | .7 | .9 | | | | | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 55 | 198 | 206 | |
| 58/ 57 | | .4 | .7 | .3 | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | 46 | 135 | 228 | |
| 56/ 55 | | .1 | .8 | | | | | | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 105 | 287 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | 222 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 172 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 107 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | |
| TOTAL | 3.3 | 14.7 | 16.5 | 13.6 | 9.7 | 9.0 | 8.8 | 7.1 | 8.4 | 5.3 | 2.5 | .9 | .2 | | | | | | | | | | | | | | | | | | | | | | 3383 | 3383 | | | |

| Element (X) | ΣX | ΣX^2 | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|------|-------|-------|-------|-------|
| Rel. Hum. | 13482158 | 206512 | 61.016092 | 3383 | 3383 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F |
| Dry Bulb | 20615319 | 262099 | 77.5 | 9.570 | 3383 | | | 579.4 | 455.1 | 284.5 | 44.1 |
| Wet Bulb | 15501711 | 228109 | 67.4 | 5.974 | 3383 | | | 392.3 | 139.8 | 6.2 | |
| Dew Point | 13098940 | 209406 | 61.9 | 6.360 | 3383 | | | 165.3 | 24.4 | | |

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0 26 S (01)

FORM 04

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UDORN RATCHATHANI THAI/UDORN RTAFB 66-69

PAGE 1 ALL

| Temp
°F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|------------|-------------------------------------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|------|-----------|-----------------------------|--|-------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb Wet Bulb Dew Point | | | |
| 102/101 | | | | | | | | | | | | | | | | | .0 | .1 | | | | | | | | | | | | | | | 4 | 5 | | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .0 | .4 | .6 | .3 | .2 | .2 | | | | | | | | | | 55 | 55 | | | | |
| 98/ 97 | | | | | | | | | | | | | | | | | .7 | .6 | .5 | 1.0 | .8 | .4 | .1 | | | | | | | | | 121 | 121 | | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | .7 | .6 | .7 | 1.0 | 1.3 | .8 | .2 | .1 | | | | | | | | 163 | 163 | | | | |
| 94/ 93 | | | | | | | | | | | | | | .5 | .6 | .8 | 1.5 | 1.8 | 1.2 | .3 | .1 | | | | | | | | | | | 203 | 203 | | | | |
| 92/ 91 | | | | | | | | | | .6 | .2 | .4 | 1.0 | .9 | 1.4 | 1.3 | .3 | .1 | .0 | | | | | | | | | | | | | 171 | 171 | | | | |
| 90/ 89 | | | | | | | | | | .4 | .6 | 1.5 | 1.1 | 1.1 | .4 | .3 | | .0 | | | | | | | | | | | | | | 164 | 164 | | | | |
| 88/ 87 | | | | | | | | | .1 | .8 | 1.0 | 1.4 | 1.6 | .6 | .5 | .0 | | | | | | | | | | | | | | | | 182 | 182 | | | | |
| 86/ 85 | | | | | | .6 | .9 | 1.1 | 1.5 | 1.9 | .8 | .5 | .4 | | | | | | | | | | | | | | | | | | | 213 | 213 | | | | |
| 84/ 83 | | | | | .5 | 1.0 | 1.6 | 1.8 | .8 | .3 | .6 | .2 | | | | | | | | | | | | | | | | | | | | 196 | 196 | | | | |
| 82/ 81 | | | | .2 | 1.8 | 1.2 | 3.2 | 2.0 | .6 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | 288 | 288 | | | | |
| 80/ 79 | | | | 1.0 | 2.1 | 2.5 | 1.9 | .6 | .4 | .4 | | | | | | | | | | | | | | | | | | | | | | 265 | 265 | | | | |
| 76/ 77 | | | .5 | 1.9 | 2.3 | 2.5 | 1.3 | .4 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | 277 | 277 | | | | |
| 76/ 75 | | | .4 | 2.3 | 1.6 | 1.8 | .5 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | 216 | 216 | | | | |
| 74/ 73 | | | .4 | 1.1 | 1.7 | 1.3 | .2 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | 157 | 157 | | | | |
| 72/ 71 | | | .1 | .7 | 1.2 | .8 | .1 | .3 | .0 | | | | | | | | | | | | | | | | | | | | | | | 97 | 97 | | | | |
| 70/ 69 | .0 | .1 | .5 | .9 | .4 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 | | | | |
| 68/ 67 | | | .0 | .5 | .5 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | | | | |
| 66/ 65 | | | .0 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | | | | |
| 64/ 63 | | | .0 | .2 | .4 | .3 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | 29 | 29 | | | | |
| 62/ 61 | | | | .1 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | | | | |
| 60/ 59 | | | | .5 | .5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | | | | |
| 58/ 57 | | | | .0 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 27 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .0 | 1.5 | 8.6 | 14.3 | 13.7 | 12.0 | 9.8 | 9.7 | 7.7 | 7.6 | 6.7 | 4.5 | 2.2 | 1.0 | .3 | | | | | | | | | | | | | | | | | 2976 | 2976 | | | | |

| Element (X) | Σ x' | Σ x | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|----------|--------|-----------|------------|----------|------------------------------------|--------|--------|--------|-----|-------|
| Rel Hum | 11102254 | 175660 | 59.015 | 7.06 | 2976 | < 67 F | > 73 F | < 80 F | > 93 F | | |
| Dry Bulb | 2074057 | 247289 | 83.1 | 8.710 | 2976 | 722.0 | 669.0 | 471.0 | 136.7 | 744 | |
| Wet Bulb | 1586952 | 213444 | 71.7 | 5.133 | 2976 | 639.5 | 358.2 | 35.2 | | 744 | |
| Dew Point | 13139660 | 196996 | 66.2 | 5.784 | 2976 | 377.7 | 113.5 | .2 | | 744 | |

| Element (X) | Zx | Zx | X | X | No. Obs. | Mean No. of Hours with Temperature | | | | Total |
|-------------|----------|--------|------|--------|----------|------------------------------------|--------|--------|--------|-------|
| Rel Hum | 11102254 | 175660 | 59.0 | 15.706 | 2976 | < 67 F | < 73 F | < 80 F | < 93 F | |
| Dry Bulb | 20774057 | 247289 | 83.1 | 8.710 | 2976 | 722.0 | 669.0 | 471.0 | 136.7 | 744 |
| Wet Bulb | 15286952 | 213444 | 71.7 | 5.133 | 2976 | 639.5 | 358.2 | 35.2 | | 744 |
| Dew Point | 13139660 | 196996 | 66.2 | 2.184 | 2976 | 377.7 | 113.5 | .2 | | 744 |

PSYCHROMETRIC SUMMARY

5499

$$M \supset N \text{ is}$$

ALL

[illegible]

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

41017 U-2N HATCHATHANI THAI/USAF ETAL 66-68

DAY

PAGE 1

ALL

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-----------|-------------------------------------|-----|------|------|------|------|-----|-----|-----|-----|----|----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 100/ 99 | | | | | | | | | | | | | | | | | | | .1 | .1 | .1 | | | | | | | | | | | | 7 | 9 | | | |
| 98/ 97 | | | | | | | | | | | | | | | | | .0 | .2 | .2 | .3 | .3 | .1 | | | | | | | | | | | 33 | 33 | | | |
| 96/ 95 | | | | | | | | | | | .1 | .2 | .3 | .3 | 1.3 | .3 | | | | | | | | | | | | | | | | | 76 | 76 | | | |
| 94/ 93 | | | | | | | | | .1 | .0 | .3 | .6 | 1.5 | .9 | | | | | | | | | | | | | | | | | | | 103 | 103 | | | |
| 92/ 91 | | | | .0 | .0 | .1 | .6 | 1.1 | 2.7 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | | | 173 | 173 | | | |
| 90/ 89 | | | | | .1 | .3 | 2.1 | 2.3 | 2.3 | .3 | | | | | | | | | | | | | | | | | | | | | | | 218 | 218 | | | |
| 88/ 87 | | | | | .2 | 1.1 | 4.4 | 1.9 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 233 | 233 | 1 | | |
| 86/ 85 | | | | .0 | .9 | 4.1 | 2.9 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 249 | 249 | 7 | 1 | |
| 84/ 83 | | | | .3 | 4.4 | 2.8 | 1.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 274 | 274 | 16 | 2 | |
| 82/ 81 | | .2 | 4.5 | 6.3 | 1.5 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 376 | 376 | 84 | 22 | |
| 80/ 79 | | 2.3 | 7.0 | 4.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 420 | 420 | 374 | 47 | |
| 78/ 77 | | 6.5 | 6.4 | .7 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 408 | 408 | 867 | 239 | |
| 76/ 75 | .7 | 7.1 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 316 | 316 | 1021 | 765 | |
| 74/ 73 | .8 | 1.3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 86 | 86 | 515 | 1103 | |
| 72/ 71 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 82 | 630 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 148 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 1.5 | 7.9 | 22.6 | 16.6 | 10.1 | 11.5 | 6.1 | 6.2 | 3.6 | 2.9 | .7 | .1 | | | | | | | | | | | | | | | | | | | | | 2976 | 2976 | 2976 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2976 | 2976 | 2976 | |

| Element (X) | ΣX | ΣX^2 | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel Hum | 7454563 | 223897 | 75.214 | 310 | 2976 | - 0 F | - 32 F | - 67 F | - 73 F | - 80 F | - 93 F | Total |
| Dry Bulb | 20771894 | 246796 | 82.9 | 5.952 | 2976 | | | 744.0 | 743.5 | 485.0 | 55.2 | 744 |
| Wet Bulb | 17551929 | 227143 | 76.3 | 2.264 | 2976 | | | 744.0 | 721.2 | 91.0 | | 744 |
| Dew Point | 16180060 | 219330 | 73.7 | 2.219 | 2976 | | | 743.7 | 543.7 | 6.2 | | 744 |

PSYCHROMETRIC SUMMARY

41017 UREN RAICHATHANI THAI/UREN RTAFB 66-59

PAGE 1 ALL

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | |
|-------------------------------------|-------|------|------|------|------|-----|-----|-----|-----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 96/ 98 | | | | | | | | .1 | .1 | .3 | .3 | .1 | .2 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | .1 | .0 | .5 | 1.4 | 1.7 | 1.0 | .1 | | | | | | | | | | | | | | | | | | | 36 | 36 | | |
| 92/ 91 | | | | | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 134 | 134 | |
| 90/ 89 | | | | | | .2 | 2.9 | 3.1 | 1.5 | .4 | | | | | | | | | | | | | | | | | | | | | | | 236 | 236 | | |
| 88/ 87 | | | | | .1 | 1.0 | 6.7 | 1.4 | .4 | .0 | | | | | | | | | | | | | | | | | | | | | | | 276 | 276 | 1 | |
| 86/ 85 | | .0 | .5 | 1.3 | 5.0 | 2.1 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 294 | 294 | 3 | |
| 84/ 83 | | .2 | 1.4 | 6.1 | 2.0 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 316 | 316 | 11 | |
| 82/ 81 | | .7 | 6.1 | 5.6 | 1.4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 400 | 400 | 82 | |
| 80/ 79 | .1 | 4.2 | 5.0 | 3.7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 401 | 401 | 434 | |
| 78/ 77 | .2 | 2.8 | 5.3 | .5 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 453 | 453 | 950 | |
| 76/ 75 | .5 | 6.4 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 237 | 237 | 913 | |
| 74/ 73 | .5 | 2.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 79 | 79 | 415 | |
| 72/ 71 | .0 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | 66 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 1.623 | 6.20 | 1.17 | 6.11 | 1.13 | .2 | 7.0 | 4.0 | 1.6 | .3 | | | | | | | | | | | | | | | | | | | | | | | 2880 | 2880 | 2880 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2880 | 2880 | |

| Excess | ΣX | ΣX^2 | \bar{X} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------------------------|------------|--------------|-----------|--------|----------|------------------------------------|--------|--------|--------|-----|-------|
| F _w H _f | | | | | | < 67 F | > 73 F | < 80 F | > 93 F | | |
| Dry Bulb | 17631748 | 223646 | 77.7 | 12.696 | 2880 | | | | | | |
| Wet Bulb | 19590506 | 237094 | 82.3 | 4.998 | 2880 | 720.0 | 717.7 | 471.0 | 9.2 | 720 | |
| Dew Point | 16905144 | 220563 | 76.6 | 2.163 | 2880 | 720.0 | 702.2 | 51.7 | | 720 | |
| | 15893291 | 213849 | 74.3 | 2.231 | 2880 | 719.0 | 590.5 | 6.5 | | 720 | |

DATA PROCESSING DIVISION
USAF HAFB
AIR WEATHER SERVICE/HAFB

PSYCHROMETRIC SUMMARY

41017 USN RATCHATHANI TRAI/UBON RTAFB 66-67

JUL

PAGE 1

ALL

| | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------|----|-------------------------------------|------|------|------|------|------|-----|-----|-----|-----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|----------|----------|-----------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 94/ | 97 | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | | | | | 2 | | 2 | | |
| 96/ | 95 | | | | | | | | | | | | | | | | .4 | | | | | | | | | | | | | | | | | 14 | | 14 | | |
| 94/ | 93 | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | | | | | 74 | | 73 | | |
| 92/ | 91 | | | | | | | | .1 | | .3 | | .8 | 1.0 | | .3 | | | | | | | | | | | | | | | | | | 156 | | 156 | | |
| 90/ | 89 | | | | | | .0 | | .4 | 1.6 | 2.1 | 1.1 | | | | | | | | | | | | | | | | | | | | | | 254 | | 254 | | |
| 88/ | 87 | | | | | .5 | .0 | 1.0 | 5.1 | 2.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | 264 | | 264 | 1 | |
| 86/ | 85 | | | | | .1 | .6 | 4.6 | 3.1 | .5 | | | | | | | | | | | | | | | | | | | | | | | | 327 | | 327 | 7 | |
| 84/ | 83 | | .1 | .6 | 5.4 | 1.5 | 1.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 371 | | 371 | 6 | |
| 82/ | 81 | .1 | .2 | 3.9 | 6.4 | 1.6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 457 | | 457 | 26 | |
| 80/ | 79 | .1 | 3.0 | 7.6 | 4.5 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 552 | | 552 | 914 | |
| 78/ | 77 | .2 | 7.9 | 8.7 | 1.5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 373 | | 373 | 1014 | |
| 76/ | 75 | .4 | 7.0 | 4.7 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 156 | | 156 | 649 | |
| 74/ | 73 | .5 | 2.7 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 159 | | 159 | 1130 | |
| 72/ | 71 | | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | | 11 | 647 |
| 70/ | 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| 68/ | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2975 | |
| TOTAL | | 1.5 | 21.5 | 26.5 | 18.5 | 11.6 | 11.4 | 5.8 | 2.7 | .4 | | | | | | | | | | | | | | | | | | | | | | | | 2975 | | 2975 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2975 | | 2975 | | 2975 | |

| Ex | Σx | Σx | Σx | Σx | No. Obs. | Mean No. of Hours with Temperature | Total |
|----|----------|--------|--------|-------|----------|------------------------------------|-------|
| Ex | 8873991 | 234485 | 78.811 | 484 | 2975 | 67 F | 744 |
| Ex | 19680125 | 241545 | 81.2 | 4.806 | 2975 | 73 F | 744 |
| Ex | 17129684 | 225650 | 75.8 | 2.202 | 2975 | 80 F | 744 |
| Ex | 16169032 | 219242 | 73.7 | 2.012 | 2975 | 93 F | 744 |

PSYCHROMETRIC SUMMARY

42

Page 1 All

| WET BULB TEMPERATURE DEPRESSION IF: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|-------------------------------------|-------|-----|-----|-----|-----|---|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|--|----------|------|----------|------|-----------|--|
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D.B. W.B. | | Dry Bulb | | Wet Bulb | | Dew Point | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | |
| 94/ 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 141 | 141 | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 222 | 222 | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 292 | 292 | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 304 | 304 | 4 | 1 | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 331 | 331 | 49 | 5 | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 491 | 491 | 225 | 30 | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 627 | 627 | 677 | 218 | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 405 | 405 | 1125 | 714 | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 114 | 114 | 764 | 1119 | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | 175 | 708 | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 170 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | | |
| TOTAL | 1.125 | 325 | 618 | 310 | 312 | 2 | 5.8 | 1.3 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | 2974 | 2974 | 2974 | 2974 | | |

| Ex. Hrs. | Σ x | Σ x | x̄ | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|----------|--------|--------|----------------|----------|------------------------------------|--------|--------|--------|-----|-------|
| Re. Hrs. | 19276182 | 237110 | 79.711 | 185 | 2974 | - 67 F | - 73 F | - 80 F | - 93 F | | |
| Dry Bulb | 19428255 | 240001 | 80.7 | 4.501 | 2974 | 744.0 | 741.2 | 386.8 | .8 | 744 | |
| Wet Bulb | 17521914 | 224906 | 75.6 | 2.139 | 2974 | 744.0 | 696.7 | 34.0 | | 744 | |
| Dew Point | 16117090 | 218846 | 73.6 | 2.091 | 2974 | 744.0 | 522.1 | 2.0 | | 744 | |

DATA PROCESSING DIVISION
USAF EDA
AIR CENTER SERVICE/AC

PSYCHROMETRIC SUMMARY

51217 51217 HAICHATPHAI THAI/USIA - T-46 66-6

SEP

PAGE 1 ALL

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Frequency | ΣX | ΣX^2 | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|------------|--------------|-----------|------------|----------|------------------------------------|-------|-------|-------|-------|-------|
| 60 F - | 19225644 | 233116 | 80.911 | 1.131 | 2880 | -67 F | -32 F | -67 F | -73 F | -80 F | -93 F |
| 60 F - | 18407425 | 229889 | 79.8 | 4.453 | 2880 | 720.0 | 712.0 | 325.0 | .7 | | 720 |
| 60 F - | 16257791 | 216287 | 75.1 | 2.261 | 2880 | 719.7 | 638.0 | 15.5 | | | 720 |
| 60 F - | 15644007 | 210791 | 73.2 | 2.353 | 2880 | 714.2 | 450.7 | | | | 720 |

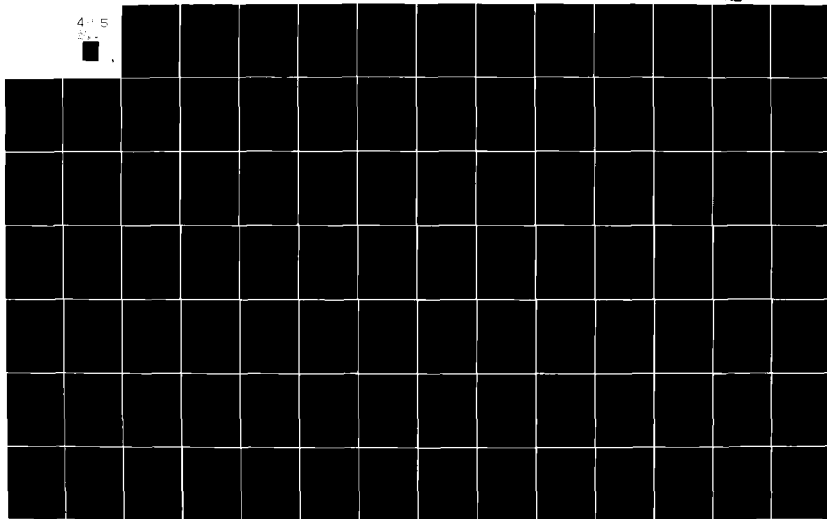
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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|------|-----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | | |
| 92/ 91 | | | | | | | | | .1 | .1 | .3 | .3 | .3 | | | | | | | | | | | | | | | | | | | 27 | 27 | | | |
| 90/ 89 | | | | | | | | .2 | .3 | 1.1 | .7 | .2 | .5 | .4 | | | | | | | | | | | | | | | | | | 96 | 96 | | | |
| 88/ 87 | | | | | | | | .2 | .5 | 1.8 | 1.3 | .7 | 1.6 | .4 | .0 | | | | | | | | | | | | | | | | | 192 | 192 | | | |
| 86/ 85 | | | | | | .2 | .6 | 1.7 | 2.1 | 1.4 | 1.3 | .1 | | | | | | | | | | | | | | | | | | | | 215 | 215 | | | |
| 84/ 83 | | | | | .1 | .4 | 1.1 | 2.0 | 2.6 | 1.5 | .6 | .0 | | | | | | | | | | | | | | | | | | | | 241 | 241 | | | |
| 82/ 81 | | .0 | .1 | .5 | .8 | 1.7 | 1.8 | 1.8 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | 210 | 210 | | | |
| 80/ 79 | | .0 | .2 | .9 | 1.6 | 2.2 | 1.3 | 1.0 | .3 | | | | | | | | | | | | | | | | | | | | | | | 215 | 215 | 19 | | |
| 78/ 77 | | .5 | .5 | 1.8 | 1.9 | 2.4 | 1.1 | 1.0 | .1 | | | | | | | | | | | | | | | | | | | | | | | 271 | 271 | 42 | 7 | |
| 76/ 75 | .1 | .5 | 2.1 | 1.9 | 2.0 | 1.5 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 302 | 302 | 161 | 38 | |
| 74/ 73 | | .8 | 2.6 | 3.2 | 2.5 | 1.0 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | 323 | 323 | 266 | 69 | |
| 72/ 71 | | .8 | 2.3 | 3.5 | 2.2 | .8 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | 288 | 288 | 437 | 121 | |
| 70/ 69 | | .5 | 3.4 | 2.7 | 1.1 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | 237 | 237 | 530 | 317 | |
| 68/ 67 | .1 | .9 | 2.7 | .9 | .7 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 163 | 163 | 529 | 348 | |
| 66/ 65 | | .2 | .9 | .5 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | 53 | 429 | 406 | |
| 64/ 63 | | .1 | .2 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 269 | 527 | |
| 62/ 61 | | | .1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 103 | 377 | |
| 60/ 59 | | | .0 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 60 | 199 | |
| 58/ 57 | | | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 23 | 190 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 163 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 78 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| TOTAL | .1 | 4.3 | 15.3 | 17.0 | 15.0 | 12.5 | 11.4 | 12.0 | 6.1 | 3.3 | 2.3 | .8 | .0 | | | | | | | | | | | | | | | | | | | 2879 | 2879 | 2879 | | |

| Element (X) | Z _x | Z _y | X | Y | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------------|----------------|------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 12763999 | 186925 | 64.9 | 14.766 | 2879 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 17356528 | 222694 | 77.4 | 6.744 | 2879 | | | 696.9 | 524.4 | 273.3 | 1.3 | 720 |
| Wet Bulb | 13556691 | 197191 | 68.5 | 4.189 | 2879 | | | 496.2 | 122.0 | 2.5 | | 720 |
| Dew Point | 11819888 | 183884 | 63.9 | 3.107 | 2879 | | | 225.1 | 28.5 | | | 720 |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLI)

FORM 0-26-5 (OLI)

USAF ETAC

PSYCHROMETRIC SUMMARY

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L, S, T)

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PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 1 JAN MONTH 0900-1100 HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN

STAT ON

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L, S, T.)

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PSYCHROMETRIC SUMMARY

JAN

5700

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L - S - T)

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PSYCHROMETRIC SUMMARY

| | | |
|--------------|---|--------------|
| <u>41017</u> | <u>UBON RATCHATHANI THAI/UBON RTAFB</u> | <u>66-70</u> |
| STATION | STATION NAME | |

JAN

MONTH

PAGE 1 1300-2000

HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | .2 | | | .4 | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | 1.1 | .2 | .4 | 1.3 | | | | | | | | 15 | 15 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | .2 | 1.5 | 1.7 | 1.5 | .2 | .2 | | | | | | 25 | 25 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | .4 | 1.1 | 3.7 | 2.2 | 1.3 | | | | | | | | 40 | 40 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | .6 | 1.3 | 4.3 | 3.0 | .9 | .2 | | | | | | | | 47 | 47 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | .2 | 1.5 | 3.9 | 6.5 | 4.5 | 1.3 | .2 | | | | | | | | 84 | 84 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | .4 | 2.2 | 3.2 | 2.6 | 4.1 | 1.5 | | | | | | | | | 65 | 65 | 2 | | | | | | | | | | | | | | | |
| 78/ 77 | | | | .4 | 1.7 | 4.7 | 3.7 | 1.3 | | | | | | | | | | 55 | 55 | 6 | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | 1.5 | 2.6 | 3.7 | .9 | | | | | | | | | | 40 | 40 | 11 | 2 | | | | | | | | | | | | | | |
| 74/ 73 | | | | .6 | .2 | 2.2 | 3.9 | .6 | | | | | | | | | | 35 | 35 | 44 | 1 | | | | | | | | | | | | | | |
| 72/ 71 | | | .2 | .2 | | 1.9 | 1.3 | | | | | | | | | | | 17 | 17 | 80 | 12 | | | | | | | | | | | | | | |
| 70/ 69 | | | .2 | | .9 | 2.6 | | | | | | | | | | | | 17 | 17 | 81 | 20 | | | | | | | | | | | | | | |
| 68/ 67 | | | .2 | | .2 | 1.3 | | | | | | | | | | | | 8 | 8 | 85 | 40 | | | | | | | | | | | | | | |
| 66/ 65 | | | | | .6 | .4 | | | | | | | | | | | | 5 | 5 | 48 | 65 | | | | | | | | | | | | | | |
| 64/ 63 | | | | | .4 | .2 | | | | | | | | | | | | 3 | 3 | 42 | 77 | | | | | | | | | | | | | | |
| 62/ 61 | | | | | .6 | | | | | | | | | | | | | 3 | 3 | 32 | 63 | | | | | | | | | | | | | | |
| 60/ 59 | | | | | .6 | | | | | | | | | | | | | 3 | 3 | 14 | 36 | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 11 | 52 | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 2 | 37 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 4 | 28 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 23 | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| TOTAL | | | .6 | 1.9 | 11.2 | 24.7 | 28.2 | 20.0 | 7.7 | 4.5 | .6 | .4 | | | | | | 465 | 465 | 465 | 465 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 465 | | 465 | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

41017 URBON RATCHATHANI THAI/URBON RTAFB 66-70

JAN

PAGE 1 2100-2300

HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | .2 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | .6 | .9 | 1.1 | | | | | | | | | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | .2 | 4.3 | 4.1 | .2 | .2 | | | | | | | | | | 42 | 42 | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | 3.4 | 6.9 | 4.7 | .4 | | | | | | | | | | | 72 | 72 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | 1.3 | 3.2 | 8.4 | 2.4 | .9 | | | | | | | | | | | 76 | 76 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | 1.1 | 3.9 | 7.3 | 2.4 | .4 | | | | | | | | | | | 70 | 70 | 7 | | | | | | | | | | | | | | | |
| 72/ 71 | | | 1.3 | 3.0 | 4.5 | 2.8 | .9 | | | | | | | | | | | 58 | 58 | 61 | 1 | | | | | | | | | | | | | | |
| 70/ 69 | | | .2 | 2.8 | 5.4 | .2 | | | | | | | | | | | | 40 | 40 | 82 | 22 | | | | | | | | | | | | | | |
| 68/ 67 | | | .6 | 1.1 | 4.1 | .4 | | | | | | | | | | | | 29 | 29 | 75 | 52 | | | | | | | | | | | | | | |
| 66/ 65 | | | .4 | 1.7 | 3.9 | | | | | | | | | | | | | 28 | 28 | 62 | 58 | | | | | | | | | | | | | | |
| 64/ 63 | | | .2 | 1.3 | 2.4 | | | | | | | | | | | | | 18 | 18 | 52 | 86 | | | | | | | | | | | | | | |
| 62/ 61 | | | | 1.2 | .2 | | | | | | | | | | | | | 7 | 7 | 50 | 47 | | | | | | | | | | | | | | |
| 60/ 59 | | | | 1.1 | .2 | | | | | | | | | | | | | 6 | 6 | 30 | 58 | | | | | | | | | | | | | | |
| 58/ 57 | | | | .4 | .6 | | | | | | | | | | | | | 5 | 5 | 22 | 34 | | | | | | | | | | | | | | |
| 56/ 55 | | | | .2 | | | | | | | | | | | | | | 1 | 1 | 13 | 46 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 4 | 25 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 4 | 21 | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 3 | 6 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | | | 5.4 | 23.7 | 48.8 | 17.8 | 4.1 | .2 | | | | | | | | | | 465 | 465 | 465 | 465 | | | | | | | | | | | | | | |
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

41017 UDORN RATCHATHANI THAI/UDORN RTAFB 66-70

FEB

PAGE 1 0000-0200

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|----|-------|-----|-----|-----|-----|-----|-----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | | | | | | | .2 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 84/ 83 | | | | | | | | | | | | | .7 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | |
| 82/ 81 | | | | | | .7 | 1.4 | 1.9 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | | | |
| 80/ 79 | | | | .1 | .9 | 2.4 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | | | |
| 78/ 77 | | .2 | 3.3 | 3.5 | 2.6 | .7 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | | | |
| 76/ 75 | | .2 | 2.8 | 3.5 | 6.1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 55 | 9 | | |
| 74/ 73 | | .5 | 2.1 | 3.8 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 32 | 10 | |
| 72/ 71 | | | 2.1 | 4.3 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | 51 | 16 | |
| 70/ 69 | | | 3.8 | 3.3 | 2.1 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 41 | 53 | 37 | |
| 68/ 67 | | .9 | 2.6 | 2.8 | 5.2 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 52 | 52 | 47 | 48 | |
| 66/ 65 | | .5 | .9 | 5.2 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | 57 | 47 | |
| 64/ 63 | | | .9 | 3.1 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | 38 | 67 | |
| 62/ 61 | | | .9 | 2.4 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 29 | 42 | |
| 60/ 59 | | | .9 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 45 | 23 | |
| 58/ 57 | | | .5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 27 | 22 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 37 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 24 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 28 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | | 2,420 | 637 | 831 | 4 | 5.0 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | 423 | 423 | 423 | 423 |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2226248 | 30518 | 72.1 | 7.616 | 423 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
| Dry Bulb | 2163611 | 30145 | 71.3 | 6.028 | 423 | | | 64.5 | 38.1 | 7.0 | | 84 |
| Wet Bulb | 1815804 | 27608 | 65.3 | 5.741 | 423 | | | 38.1 | 8.1 | | | 84 |
| Dew Point | 1630436 | 26120 | 61.7 | 6.447 | 423 | | | 22.0 | 2.0 | | | 84 |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-265 (OII)

FORM 04

USAFETAC

PSYCHROMETRIC SUMMARY

| | | |
|---------|----------------------------------|-------|
| 41017 | UBON RATCHATHANI THAI/UBON RTAFB | 66-70 |
| STATION | STATION NAME | |

FEB

PAGE 1 0300-0500

HOURS 5-7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|------|------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 82/ 81 | | | | | | | | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | | | | | .5 | .7 | .5 | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | |
| 78/ 77 | | | | | .5 | 3.3 | 2.4 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | 30 | 30 | | | |
| 76/ 75 | | | .7 | 4.7 | 4.7 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | 49 | | | |
| 74/ 73 | | 1.9 | 3.1 | 3.5 | 1.2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | 16 | 7 | |
| 72/ 71 | | 1.7 | 3.8 | 2.8 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | 50 | 12 | |
| 70/ 69 | | .7 | 5.2 | 2.8 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | 50 | 35 | |
| 68/ 67 | | 1.9 | 9.2 | 3.3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | 62 | 41 | 48 | |
| 66/ 65 | | .2 | 3.8 | 3.3 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | 54 | 40 | |
| 64/ 63 | | | 3.5 | 4.7 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 37 | 37 | 32 | 60 | |
| 62/ 61 | | .9 | 3.3 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | 29 | 28 | 47 | |
| 60/ 59 | | .2 | 3.1 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 41 | 29 | |
| 58/ 57 | | .9 | 3.1 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 32 | 31 | |
| 56/ 55 | | .2 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 34 | 36 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 28 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 31 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | | 9.0 | 44.2 | 35.0 | 9.9 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 423 | 423 | 423 | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 2581933 | 32909 | 77.8 | 7.162 | 423 | ≤ 0 F | ~ 32 F | ~ 67 F | ~ 73 F | ~ 80 F | ~ 93 F | |
| Dry Bulb | 2000031 | 28975 | 68.5 | 6.017 | 423 | | | 53.4 | 29.8 | 1.0 | | 84 |
| Wet Bulb | 1745170 | 27060 | 64.0 | 5.780 | 423 | | | 31.2 | 3.2 | | | 84 |
| Dew Point | 1604085 | 25909 | 61.3 | 6.374 | 423 | | | 20.3 | 1.4 | | | 84 |

PSYCHROMETRIC SUMMARY

FFH

PAGE 1 0600-0800
HOURS S T

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-------|-------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 82/ 81 | | | | .2 | .7 | .2 | .2 | | | | | | | | | | | 6 | 5 | | | | | | | | | | | | | |
| 80/ 79 | | | | 1.7 | 1.4 | .2 | | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | | |
| 78/ 77 | | | .9 | 2.4 | 1.9 | .7 | | | | | | | | | | | | 25 | 25 | | | | | | | | | | | | | |
| 76/ 75 | | 1.2 | 3.1 | 2.1 | 2.4 | .9 | | | | | | | | | | | | 41 | 41 | 2 | | | | | | | | | | | | |
| 74/ 73 | | 1.9 | 3.5 | 3.1 | 1.2 | | | | | | | | | | | | | 41 | 41 | 21 | 4 | | | | | | | | | | | |
| 72/ 71 | | 1.4 | 4.5 | 3.3 | .7 | | | | | | | | | | | | | 42 | 42 | 41 | 14 | | | | | | | | | | | |
| 70/ 69 | | .9 | 5.2 | 1.9 | .2 | | | | | | | | | | | | | 35 | 35 | 51 | 38 | | | | | | | | | | | |
| 68/ 67 | | 2.4 | 7.1 | 3.8 | 1.4 | .2 | | | | | | | | | | | | 63 | 63 | 45 | 45 | | | | | | | | | | | |
| 66/ 65 | | 1.7 | 4.0 | 2.8 | 1.9 | | | | | | | | | | | | | 44 | 44 | 53 | 48 | | | | | | | | | | | |
| 64/ 63 | | .7 | 3.3 | 2.4 | .7 | | | | | | | | | | | | | 30 | 30 | 48 | 62 | | | | | | | | | | | |
| 62/ 61 | | .5 | 4.5 | 3.3 | .2 | | | | | | | | | | | | | 36 | 36 | 31 | 43 | | | | | | | | | | | |
| 60/ 59 | | .2 | 1.9 | 1.4 | | | | | | | | | | | | | | 15 | 15 | 40 | 21 | | | | | | | | | | | |
| 58/ 57 | | 2.1 | 2.1 | .9 | | | | | | | | | | | | | | 22 | 22 | 33 | 24 | | | | | | | | | | | |
| 56/ 55 | | .9 | 1.2 | | | | | | | | | | | | | | | 9 | 9 | 38 | 47 | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 18 | 28 | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 32 | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| TOTAL | | 13.94 | 1.429 | 3.12 | .8 | 2.4 | .2 | | | | | | | | | | | 423 | 423 | 423 | 423 | | | | | | | | | | | |
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UBON RATCHATHANI THAI/UBON RTAFB 66-70

FEB

PAGE 1 0900-1100

HOURS L. S. T.

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|----|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | Z _X ' | Z _X | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|------------------|----------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 1497957 | 24823 | 58.7 | 9.888 | 423 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 2626590 | 33196 | 78.5 | 7.129 | 423 | | | 79.2 | 63.5 | 40.3 | .2 | 84 |
| Wet Bulb | 1977542 | 28824 | 68.1 | 5.640 | 423 | | | 51.2 | 23.2 | | | 84 |
| Dew Point | 1667683 | 26425 | 62.5 | 6.329 | 423 | | | 23.6 | 3.2 | | | 84 |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OU)

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

FEB

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1 |
| 2 | 2 |
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| 93 | 93 |
| 94 | 94 |
| 95 | 95 |
| 96 | 96 |
| 97 | 97 |
| 98 | 98 |
| 99 | 99 |
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YEARS

MONTH

PAGE 1 1200-1400

| HOURS | S | T |
|-------|---|---|
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| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | .2 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | .2 | .9 | .7 | .2 | .5 | | | | | 11 | 11 | | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | .5 | .2 | 1.7 | 1.2 | .9 | .2 | | | | | 20 | 20 | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | .7 | 1.9 | 1.9 | 2.6 | 2.4 | .2 | | | | | 41 | 41 | | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | 1.2 | 1.4 | 2.1 | 3.5 | 2.8 | .2 | | | | | | 48 | 48 | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | 1.2 | 2.6 | 1.7 | 5.0 | .9 | | .5 | | | | | 50 | 50 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | .5 | .5 | 1.9 | 5.0 | 2.6 | 1.4 | .7 | | | | | | 53 | 53 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | .5 | .7 | 4.3 | 2.1 | 3.3 | 1.9 | | | | | | | 54 | 54 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | .7 | .2 | 2.4 | 1.9 | 3.5 | 1.4 | | | | | | | 43 | 43 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | .9 | 1.4 | 1.4 | 3.1 | 1.4 | .2 | | | | | | | 36 | 36 | 7 | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | .2 | | .2 | 3.1 | 2.6 | .9 | | | | | | | | 30 | 30 | 15 | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | .2 | .5 | | 1.7 | .9 | | | | | | | | | 14 | 14 | 35 | 1 | | | | | | | | | | | | | | |
| 76/ 75 | | | | | .5 | | .2 | 1.2 | .5 | | | | | | | | | 10 | 10 | 36 | 8 | | | | | | | | | | | | | | |
| 74/ 73 | | | .2 | .2 | .2 | | | .2 | | | | | | | | | | 4 | 4 | 73 | 12 | | | | | | | | | | | | | | |
| 72/ 71 | | | | .2 | | .2 | | .2 | | | | | | | | | | 3 | 3 | 76 | 13 | | | | | | | | | | | | | | |
| 70/ 69 | | | .5 | | | | | | | | | | | | | | | 2 | 2 | 40 | 32 | | | | | | | | | | | | | | |
| 68/ 67 | | | .2 | .5 | | | | | | | | | | | | | | 3 | 3 | 39 | 48 | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 55 | 59 | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 33 | 59 | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 11 | 48 | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | 26 | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 30 | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 33 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 28 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | |
| TOTAL | | | .9 | .9 | 1.2 | 3.3 | 5.7 | 21.5 | 22.2 | 25.1 | 13.2 | 3.5 | 2.1 | .2 | | | | 423 | 423 | 423 | 423 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 899852 | 19148 | 45.3 | 8.853 | 423 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
| Dry Bulb | 3186572 | 36628 | 86.6 | 5.945 | 423 | | | 84.0 | 82.4 | 73.3 | 14.5 | 84 |
| Wet Bulb | 2130717 | 29953 | 70.8 | 4.799 | 423 | | | 63.7 | 33.0 | 2.6 | | 84 |
| Dew Point | 1670374 | 26456 | 62.5 | 6.103 | 423 | | | 22.6 | 4.2 | | | 84 |

PSYCHROMETRIC SUMMARY

41017 URBIN RATCHATHANI THAI/UBON RTAFB 66-70

FES

PAGE 1 1500-1700

| NO. | RS | S. | T. |
|-----|----|----|----|
|-----|----|----|----|

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UDORN RATCHATHANI THAI/UDORN RTAFB 66-70

FEB

PAGE 1 1800-2000

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|-------------------------------------|---|---|----|-----|-----|-----|------|------|------|------|------|-----|-----|----|----|----|----|-----|----|----|----|----|----|-----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 94 | | | | | | | | | | | | | | | | | | | .2 | | | | | .2 | | | | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | .2 | | | | | .2 | | 1.9 | | | | | | | | 15 | 15 | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | .2 | 1.9 | | | | .9 | | .5 | | | | | | | | 19 | 19 | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | .2 | 3.6 | | | | .9 | | | | | | | | | | 29 | 29 | | |
| 88/ 87 | | | | | | | | | .2 | | | | | | | | | .5 | 1.4 | | | | .5 | | | | | | | | | | 45 | 45 | | |
| 86/ 85 | | | | | | | | | .7 | | | | | | | | | .7 | 2.6 | | | | .9 | | .5 | | | | | | | | 55 | 55 | | |
| 84/ 83 | | | | | .5 | | | | .5 | | | | | | | | | .9 | 1.2 | | | | .5 | | | | | | | | | | 44 | 44 | | |
| 82/ 81 | | | | | .9 | | | | .9 | | | | | | | | | .9 | 2.8 | | | | .2 | | | | | | | | | | 67 | 67 | 2 | |
| 80/ 79 | | | | | .7 | | | | 1.2 | | | | | | | | | .5 | 3.1 | | | | .5 | | .2 | | | | | | | | 49 | 49 | 9 | |
| 78/ 77 | | | | | 1.2 | | | | 1.4 | | | | | | | | | .9 | 1.2 | | | | .2 | | | | | | | | | | 28 | 28 | 14 | 1 |
| 76/ 75 | | | | | .2 | | | | .9 | | | | | | | | | .2 | 1.7 | | | | .9 | | | | | | | | | | 23 | 23 | 27 | 14 |
| 74/ 73 | | | | | | | | | .2 | | | | | | | | | .2 | 1.9 | | | | | | | | | | | | | | 14 | 14 | 64 | 9 |
| 72/ 71 | | | | .2 | .9 | | | | | | | | | | | | | .7 | 1.7 | | | | | | | | | | | | | | 16 | 16 | 83 | 6 |
| 70/ 69 | | | | .5 | | | | | .7 | | | | | | | | | .5 | .7 | | | | | | | | | | | | | | 10 | 10 | 61 | 27 |
| 68/ 67 | | | | | | | | | .5 | | | | | | | | | .2 | | | | | | | | | | | | | | | 3 | 3 | 41 | 43 |
| 66/ 65 | | | | | | | | | .2 | | | | | | | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 34 | 65 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 73 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | 38 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 21 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 28 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | | | | .7 | 4.5 | 5.7 | 12.1 | 19.9 | 22.5 | 14.9 | 12.1 | 4.3 | 3.1 | .2 | | | | | | | | | | | | | | | | | | 422 | 422 | 422 | 422 |

| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Rel. Hum. | 1152523 | 21593 | 51.2 | 10.638 | 422 | - 0 F | - 32 F | - 67 F | - 73 F | - 80 F | - 93 F |
| Dry Bulb | 2885537 | 34803 | 82.5 | 6.024 | 422 | | | 83.6 | 77.8 | 59.1 | 3.6 |
| Wet Bulb | 2037447 | 29247 | 69.3 | 4.985 | 422 | | | 59.9 | 23.1 | .6 | |
| Dew Point | 1646414 | 26220 | 62.1 | 6.409 | 422 | | | 19.9 | 4.8 | | |

USAF ETAC 0 26 5 0011

PSYCHROMETRIC SUMMARY

FER

HOURS 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

[illegible]

PSYCHROMETRIC SUMMARY

MAR

HOURS . . . S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------|------|----------|----------|-----------|-----|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 88/ 87 | | | | | | .5 | .8 | 1.1 | 1.3 | | .5 | | | | | | | 1 | | 1 | | | | | | | | | | | | | | |
| 86/ 85 | | | | | .3 | .8 | 1.1 | 2.2 | .8 | | | | | | | | | 16 | | 16 | | | | | | | | | | | | | | |
| 84/ 83 | | | | .3 | .8 | 1.1 | 2.2 | .8 | | | | | | | | | | 20 | | 20 | | | | | | | | | | | | | | |
| 82/ 81 | | | .3 | 4.6 | 2.4 | 6.7 | 3.0 | .5 | .5 | | | | | | | | | 67 | | 67 | | | | | | | | | | | | | | |
| 80/ 79 | | | 2.7 | 5.4 | 5.6 | 5.1 | 1.3 | .9 | | | | | | | | | | 77 | | 77 | | | | | | | | | | | | | | |
| 78/ 77 | | .5 | 3.0 | 3.0 | 4.8 | 2.2 | .8 | | | | | | | | | | | 56 | | 56 | 10 | | | | | | | | | | | | | |
| 76/ 75 | | .5 | 4.0 | 3.0 | 4.8 | .9 | .3 | | | | | | | | | | | 49 | | 49 | 39 | 14 | | | | | | | | | | | | |
| 74/ 73 | | .5 | 1.1 | 2.2 | 2.4 | .9 | .3 | | | | | | | | | | | 26 | | 26 | 61 | 32 | | | | | | | | | | | | |
| 72/ 71 | | | | 1.1 | 2.7 | .5 | .8 | | | | | | | | | | | 19 | | 19 | 82 | 37 | | | | | | | | | | | | |
| 70/ 69 | | | 1.1 | 1.6 | 1.6 | .3 | | | | | | | | | | | | 17 | | 17 | 72 | 39 | | | | | | | | | | | | |
| 68/ 67 | | | | | 1.3 | | | | | | | | | | | | | 5 | | 5 | 33 | 58 | | | | | | | | | | | | |
| 66/ 65 | | | | .3 | .5 | | | | | | | | | | | | | 3 | | 3 | 23 | 65 | | | | | | | | | | | | |
| 64/ 63 | | | | .5 | 1.3 | | | | | | | | | | | | | 7 | | 7 | 20 | 45 | | | | | | | | | | | | |
| 62/ 61 | | | | .5 | 1.1 | | | | | | | | | | | | | 6 | | 6 | 12 | 24 | | | | | | | | | | | | |
| 60/ 59 | | | | .5 | .3 | | | | | | | | | | | | | 3 | | 3 | 4 | 19 | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 6 | 12 | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 7 | 9 | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 5 | 6 | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| TOTAL | | 1.4 | 12.1 | 23.1 | 30.1 | 16.8 | 9.7 | 2.5 | .5 | .5 | | | | | | | | | 372 | | 372 | | 372 | | | | | | | | | | | |

| Element (A) | Σ x' | Σ x | Σ | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|---------|-------|------|----------------|----------|------------------------------------|------|------|------|------|-------|----|
| Rel. Hum. | 1796659 | 25583 | 68.8 | 10.024 | 372 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | |
| Dry Bulb | 2225883 | 28711 | 77.2 | 9.183 | 372 | | | 88.2 | 78.0 | 33.5 | | 93 |
| Wet Bulb | 1817054 | 25936 | 69.7 | 4.866 | 372 | | | 74.2 | 27.5 | | | 93 |
| Dew Point | 1626796 | 24506 | 65.9 | 5.788 | 372 | | | 65.0 | 11.5 | | | 93 |

PSYCHROMETRIC SUMMARY

PAGE 1 MAR
MONTH
0300-0500

| Temp
F | WE: BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-----------|-------------------------------------|-----|-----|-------|---------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 84/ 83 | | | | | | .3 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | | | .3 | 1.1 | | 2.2 | | | | | .4 | .3 | .3 | | | | | | | | | | | | | | | | | | 18 | 18 | | | |
| 80/ 79 | | | | 2.4 | 3.8 | | 4.8 | 3.2 | | | | .5 | .3 | | | | | | | | | | | | | | | | | | | | 56 | 56 | | | |
| 78/ 77 | | 1.3 | 3.1 | 5.9 | | 7.3 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | 78 | 78 | 2 | | |
| 76/ 75 | | 1.1 | 7.8 | 4.0 | | 3.2 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | 29 | 7 | |
| 74/ 73 | | 1.1 | 3.0 | 7.0 | | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | 52 | 52 | 41 | 40 | |
| 72/ 71 | | .5 | 1.9 | 5.1 | | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 86 | 28 | |
| 70/ 69 | | | 2.4 | 3.5 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 64 | 48 | |
| 68/ 67 | | | 1.1 | 2.4 | | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | 53 | 54 | |
| 66/ 65 | | | | .8 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 35 | 56 | |
| 64/ 63 | | | | .5 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 25 | 46 | |
| 62/ 61 | | | | | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 8 | 35 | |
| 60/ 59 | | | | | 1.6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 9 | 23 | |
| 58/ 57 | | | | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 5 | 10 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 7 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 3 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | | | 4.025 | 339.321 | 0 | 5.1 | 1.3 | .5 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | |

| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | s^2 | No. Obs | Mean No. of Hours with Temperature | | | | | Total |
|-------------|-------------|------------|-----------|-------|---------|------------------------------------|--|--|--|--|-------|
|-------------|-------------|------------|-----------|-------|---------|------------------------------------|--|--|--|--|-------|

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 1 0600-0800
HOURS (L, S, T)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 86/ 85 | | | | | .5 | .3 | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | .5 | .5 | 2.4 | .5 | | | | | | | | | | | 15 | 15 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | .5 | 2.2 | 1.9 | 3.0 | .8 | .3 | | | | | | | | | | 31 | 31 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | 2.4 | 3.3 | 5.4 | 1.6 | .5 | | | | | | | | | | | 50 | 50 | | | | | | | | | | | | | | | | |
| 78/ 77 | | .8 | 5.1 | 6.5 | 3.2 | 1.1 | | | | | | | | | | | | 62 | 62 | 7 | | | | | | | | | | | | | | | |
| 76/ 75 | | .9 | 5.6 | 5.1 | 4.3 | 1.1 | .3 | | | | | | | | | | | 64 | 64 | 26 | 5 | | | | | | | | | | | | | | |
| 74/ 73 | | 1.9 | 4.3 | 4.0 | 2.7 | .9 | | | | | | | | | | | | 50 | 50 | 63 | 40 | | | | | | | | | | | | | | |
| 72/ 71 | | .3 | 2.7 | 3.2 | 1.6 | | | | | | | | | | | | | 29 | 29 | 80 | 30 | | | | | | | | | | | | | | |
| 70/ 69 | .3 | .8 | 3.2 | 1.6 | .5 | | | | | | | | | | | | | 24 | 24 | 60 | 57 | | | | | | | | | | | | | | |
| 68/ 67 | | | .8 | 1.3 | 1.1 | .3 | | | | | | | | | | | | 13 | 13 | 50 | 72 | | | | | | | | | | | | | | |
| 66/ 65 | | .3 | .5 | .5 | | | | | | | | | | | | | | 5 | 5 | 31 | 50 | | | | | | | | | | | | | | |
| 64/ 63 | | .3 | 1.3 | 1.3 | | | | | | | | | | | | | | 11 | 11 | 16 | 40 | | | | | | | | | | | | | | |
| 62/ 61 | | | .5 | .5 | .3 | | | | | | | | | | | | | 5 | 5 | 10 | 28 | | | | | | | | | | | | | | |
| 60/ 59 | | | .3 | 2.2 | | | | | | | | | | | | | | 9 | 9 | 10 | 15 | | | | | | | | | | | | | | |
| 58/ 57 | | | .3 | | | | | | | | | | | | | | | 1 | 1 | 6 | 9 | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 6 | 5 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| TOTAL | .3 | 5.1 | 27.4 | 32.5 | 22.0 | 10.2 | 2.2 | .3 | | | | | | | | | | | 372 | 372 | 372 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2108840 | 27818 | 74.8 | 8.783 | 372 | < 0 F | < 32 F | > 67 F | < 73 F | > 80 F | < 93 F | |
| Dry Bulb | 2094429 | 27841 | 74.8 | 5.387 | 372 | | | 85.2 | 68.7 | 17.0 | | 93 |
| Wet Bulb | 1785249 | 23709 | 69.1 | 4.938 | 372 | | | 71.9 | 24.0 | | | 93 |
| Dew Point | 1640022 | 24614 | 66.2 | 5.542 | 372 | | | 51.0 | 11.2 | | | 93 |

PSYCHROMETRIC SUMMARY

28 AG

MONTH

| HOURS | U | S | T |
|-------|---|---|---|
| 1 | 1 | 1 | 1 |
| 2 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 |
| 4 | 1 | 1 | 1 |
| 5 | 1 | 1 | 1 |
| 6 | 1 | 1 | 1 |
| 7 | 1 | 1 | 1 |
| 8 | 1 | 1 | 1 |
| 9 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 |
| 11 | 1 | 1 | 1 |
| 12 | 1 | 1 | 1 |
| 13 | 1 | 1 | 1 |
| 14 | 1 | 1 | 1 |
| 15 | 1 | 1 | 1 |
| 16 | 1 | 1 | 1 |
| 17 | 1 | 1 | 1 |
| 18 | 1 | 1 | 1 |
| 19 | 1 | 1 | 1 |
| 20 | 1 | 1 | 1 |
| 21 | 1 | 1 | 1 |
| 22 | 1 | 1 | 1 |
| 23 | 1 | 1 | 1 |
| 24 | 1 | 1 | 1 |

[illegible]

PSYCHROMETRIC SUMMARY

MAD

PAGE 1 1200-1400
HOURS L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|-----|------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry | Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | 1.1 | 1.6 | 1.3 | .3 | .3 | .3 | | | 18 | 18 | | | | | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | 2.4 | 2.7 | .8 | 3.0 | 1.6 | | | | | 39 | 39 | | | | | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | 2.2 | 2.7 | 2.7 | 3.2 | 3.5 | .3 | | | | | 54 | 54 | | | | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | 1.0 | 1.9 | 2.7 | 6.7 | 6.5 | 3.2 | .5 | .3 | | | | 87 | 87 | | | | | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | .3 | 1.1 | 1.9 | 2.2 | 4.0 | 4.0 | .8 | | | | | | 53 | 53 | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | .3 | .8 | 1.9 | 2.4 | 2.4 | 1.1 | .5 | | | | | | 35 | 35 | | | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | .5 | .5 | .5 | 1.3 | 2.4 | 1.9 | .8 | | | | | | | 30 | 30 | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | .3 | .3 | 1.1 | 1.3 | .8 | 1.1 | .8 | | | | | | | 21 | 21 | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | .3 | .3 | | .3 | .3 | .3 | 1.9 | | | | | | | | 13 | 13 | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | .3 | .3 | | | .5 | .3 | .3 | 1.1 | | | | | | | | 10 | 10 | 37 | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | .3 | | | | 1.3 | | | | | | | | | 6 | 6 | 41 | 1 | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | .5 | | | | .5 | | | | | | | | | 4 | 4 | 52 | 12 | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | .3 | | | | | | | | | | | | | 1 | 1 | 77 | 20 | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | .3 | | | | | | | | | | | | | 1 | 1 | 74 | 37 | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | 35 | 33 | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 21 | 45 | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 13 | 62 | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 14 | 53 | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 7 | 39 | | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 | 22 | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| TOTAL | | | | .5 | 2.7 | 1.3 | 5.9 | 11.0 | 18.3 | 25.5 | 18.8 | 12.4 | 2.7 | .5 | .3 | | | 372 | 372 | 372 | | | | | | | | | | | | | | | | | | |

| Element (X) | $Z_{X'}$ | Z_X | \bar{X} | σ_X | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|----------|-------|-----------|------------|----------|------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------|
| | | | | | | $\leq 0^\circ\text{F}$ | $+ 32^\circ\text{F}$ | $+ 67^\circ\text{F}$ | $+ 73^\circ\text{F}$ | $+ 80^\circ\text{F}$ | $+ 93^\circ\text{F}$ | Total |
| Rel. Hum. | 775655 | 16689 | 44.9 | 8.521 | 372 | | | | | | | |
| Dry Bulb | 3138124 | 34118 | 91.7 | 4.923 | 372 | | | 93.0 | 93.0 | 90.7 | 49.5 | 93 |
| Wet Bulb | 2085947 | 27611 | 74.8 | 4.274 | 372 | | | 87.5 | 70.2 | 13.5 | | 93 |
| Dew Point | 1679008 | 24902 | 66.9 | 3.698 | 372 | | | 52.5 | 17.5 | | | 93 |

REVISED EDITIONS OF THIS BOOK ARE AVAILABLE

0-26-5 (OLI)

USAFETAC

PSYCHROMETRIC SUMMARY

PAGE 1

| Temp.
F. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|---|---|---|---|---|---|----|----|----|----|----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 102/101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .3 | .3 | 1.9 | 3.0 | 1.3 | 1.3 | 1.3 | | | | | | | | | | 36 | 36 | | | |
| 98/ 97 | | | | | | | | | | | | | | | | | 2.2 | 1.9 | 1.9 | 5.1 | 4.6 | 3.0 | 1.1 | | | | | | | | | | 73 | 73 | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | 3.2 | 2.2 | 2.4 | 4.3 | 5.1 | 4.0 | 1.6 | .8 | | | | | | | | | 88 | 88 | | | |
| 94/ 93 | | | | | | | | | | | | | | 1.6 | .5 | 1.3 | 2.7 | 4.6 | 5.6 | .8 | .5 | | | | | | | | | | | | 66 | 66 | | | |
| 92/ 91 | | | | | | | | | | | | | | .3 | .5 | 1.3 | 2.4 | 2.7 | .8 | .3 | .3 | | | | | | | | | | | | 32 | 32 | | | |
| 90/ 89 | | | | | | | | | | .5 | .5 | .5 | .3 | .3 | .3 | 1.1 | .8 | 1.3 | | | | | | | | | | | | | | | 19 | 19 | | | |
| 88/ 87 | | | | | | | | | | | | | | .5 | .5 | .5 | .3 | 1.3 | | | | | | | | | | | | | | | 14 | 14 | | | |
| 86/ 85 | | | | | | | | | | | | | | .5 | .5 | .5 | .3 | 2.4 | | | | | | | | | | | | | | | 16 | 16 | 2 | | |
| 84/ 83 | | | | | | | | | | | | | | .8 | .3 | .3 | .3 | .5 | | | | | | | | | | | | | | | 8 | 8 | 3 | | |
| 82/ 81 | | | | | | | | .3 | | .3 | .5 | | | | | | .8 | | | | | | | | | | | | | | | | 7 | 7 | 45 | 1 | |
| 80/ 79 | | | | | | | | .3 | .3 | .3 | | | | | | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 24 | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 41 | 10 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 31 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 86 | 20 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 56 | 19 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 42 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 23 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 50 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 62 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

PAGE 1 1800-2000

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | |
|-----------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|------|----------|----------|-----------|-----|--|--|--|--|--|--|--|-------|--|--|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 100/ 97 | | | | | | | | | | | | | | .3 | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | .9 | | 1.1 | | | .3 | | .3 | | | | 2 | 9 | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | .3 | .3 | .5 | .8 | 1.6 | 1.9 | | | | | | | 20 | 20 | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | .5 | 1.3 | 1.3 | 1.3 | 3.2 | .8 | 1.1 | | | | | | | 36 | 36 | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | .8 | 1.1 | 2.2 | 2.4 | 4.3 | 3.7 | 1.1 | .5 | | | | | | | 60 | 60 | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | 1.3 | 1.3 | 3.2 | 2.2 | 2.7 | 1.1 | .5 | | | .3 | | | | | 47 | 47 | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | .3 | 2.4 | 1.1 | 3.2 | 4.8 | 1.6 | .5 | .3 | | | | | | | | 53 | 53 | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | 2.2 | 3.5 | 2.2 | 3.8 | 2.7 | 1.1 | .3 | | | | | | | | | 58 | 58 | | | | | | | | | | | | | | | |
| 84/ 83 | | | | .5 | 1.1 | 1.9 | 1.9 | .8 | .8 | 1.1 | .3 | | | | | | | | | 32 | 32 | | | | | | | | | | | | | | | |
| 82/ 81 | | | | .5 | .3 | 1.9 | .8 | .8 | 1.1 | .3 | | | | | | | | | | 22 | 22 | 14 | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | .5 | .3 | 1.1 | .3 | | | | | | | | | | | 10 | 10 | 23 | | | | | | | | | | | | | | |
| 78/ 77 | | | .5 | .3 | | | .3 | .8 | .5 | | | | | | | | | | | 8 | 8 | 44 | 3 | | | | | | | | | | | | | |
| 76/ 75 | | .3 | .5 | .3 | | .3 | .3 | .8 | | | | | | | | | | | | 9 | 9 | 53 | 34 | | | | | | | | | | | | | |
| 74/ 73 | | | | .3 | .3 | | .5 | | | | | | | | | | | | | 4 | 4 | 75 | 21 | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | .3 | .3 | | | | | | | | | | | | 2 | 2 | 77 | 32 | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | 31 | 34 | | | | | | | | | | | | | |
| 68/ 67 | | | | | | .3 | | | | | | | | | | | | | | 1 | 1 | 17 | 49 | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | 17 | 59 | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | 7 | 45 | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 6 | 26 | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | 7 | 21 | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 1 | 18 | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | 17 | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| TOTAL | | .3 | 1.1 | 1.9 | 4.0 | 12.9 | 10.5 | 18.5 | 17.5 | 13.2 | 11.3 | 4.3 | 4.0 | .5 | | | | | | | 372 | 372 | 372 | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|-------|
| | | | | | | < 67 F | > 73 F | < 80 F | > 93 F | Total |
| Rel Hum. | 968729 | 18491 | 49.711 | 5.62 | 372 | | | | | |
| Dry Bulb | 2870304 | 32616 | 87.7 | 5.350 | 372 | 93.0 | 92.2 | 85.7 | 16.5 | 93 |
| Wet Bulb | 1991625 | 27171 | 73.0 | 4.358 | 372 | 84.7 | 53.5 | 4.5 | | 93 |
| Dew Point | 1629070 | 24516 | 65.9 | 6.007 | 372 | 43.2 | 14.5 | | | 93 |

PSYCHROMETRIC SUMMARY

APR

HOURS (L. S. T.)

USAFETAC

PSYCHROMETRIC SUMMARY

APR

HOURS 11 - 5 - T - F

| Temp.
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | | | | |
|------------|-------------------------------------|------|------|------|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|----------|----------|-----------|---|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 86/ 85 | | | | | | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 84/ 83 | | | | | .3 | .8 | .3 | 1.1 | | .8 | .6 | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | | | |
| 82/ 81 | | | | 1.7 | 6.1 | 1.1 | 1.4 | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | | | | | |
| 80/ 79 | | | 1.7 | 7.2 | 5.6 | 1.4 | 2.2 | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | 67 | 67 | 3 | | | | |
| 78/ 77 | | .3 | 5.3 | 8.3 | 3.6 | 1.1 | 1.1 | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 72 | 21 | 10 | | | |
| 76/ 75 | | | 4.7 | 10.3 | 4.4 | .8 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 77 | 77 | 86 | 32 | | | |
| 74/ 73 | | .8 | 6.7 | 5.3 | 2.5 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 57 | 57 | 72 | 98 | | | |
| 72/ 71 | | | 1.7 | .8 | 1.4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 87 | 60 | | | |
| 70/ 69 | | | 1.1 | | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 45 | 58 | | | |
| 68/ 67 | | | | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 22 | 36 | | | |
| 66/ 65 | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 9 | 20 | | | |
| 64/ 63 | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 9 | 21 | | | |
| 62/ 61 | | | | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 9 | | | |
| 60/ 59 | | | | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 1 | 10 | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| TOTAL | 1.1 | 21.1 | 33.9 | 28.3 | 5.6 | 7.2 | 2.2 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | 360 | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2369448 | 28980 | 80.5 | 10.091 | 360 | < 0 F | < 32 F | > 67 F | > 73 F | > 80 F | > 93 F | |
| Dry Bulb | 2121837 | 27603 | 76.7 | 3.870 | 360 | | | 88.5 | 81.8 | 21.0 | | 90 |
| Wet Bulb | 1879354 | 25976 | 72.2 | 3.747 | 360 | | | 84.0 | 45.5 | | | 90 |
| Dew Point | 1773903 | 25217 | 70.0 | 4.577 | 360 | | | 73.5 | 35.0 | | | 90 |

PSYCHROMETRIC SUMMARY

APR

PAGE 1 0600-0800

| HOURS | 1 | 5 | 7 |
|-------|---|---|---|
|-------|---|---|---|

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | |
|-------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 88/ 87 | | | | .3 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 86/ 85 | | | | | 3.3 | 2.2 | | .3 | | | | | | | | | | 21 | 21 | | | | | | | | | | | | | |
| 84/ 83 | | | .3 | 2.2 | 1.9 | 1.7 | .8 | .6 | | | | | | | | | | 27 | 27 | | | | | | | | | | | | | |
| 82/ 81 | | | 1.1 | 8.9 | 1.4 | 1.7 | .6 | | | | | | | | | | | 49 | 49 | 1 | 1 | | | | | | | | | | | |
| 80/ 79 | | .8 | 5.0 | 6.4 | 2.8 | .3 | .3 | | | | | | | | | | | 56 | 56 | 4 | | | | | | | | | | | | |
| 78/ 77 | | 2.5 | 6.7 | 4.4 | 1.4 | .6 | .3 | | | | | | | | | | | 57 | 57 | 36 | 2 | | | | | | | | | | | |
| 76/ 75 | | 3.9 | 10.0 | 3.3 | 1.9 | .3 | | | | | | | | | | | | 72 | 72 | 75 | 29 | | | | | | | | | | | |
| 74/ 73 | .3 | 3.6 | 4.2 | 2.8 | 1.1 | | | | | | | | | | | | | 43 | 43 | 83 | 91 | | | | | | | | | | | |
| 72/ 71 | | 1.4 | .5 | 1.1 | | | | | | | | | | | | | | 12 | 12 | 80 | 76 | | | | | | | | | | | |
| 70/ 69 | | .3 | 1.4 | 1.4 | .6 | | | | | | | | | | | | | 13 | 13 | 34 | 61 | | | | | | | | | | | |
| 68/ 67 | | | .6 | .3 | .3 | | | | | | | | | | | | | 4 | 4 | 24 | 40 | | | | | | | | | | | |
| 66/ 65 | | | | | .3 | | | | | | | | | | | | | 1 | 1 | 7 | 22 | | | | | | | | | | | |
| 64/ 63 | | | | .3 | | | | | | | | | | | | | | 1 | 1 | 10 | 13 | | | | | | | | | | | |
| 62/ 61 | | | | .6 | | | | | | | | | | | | | | 2 | 2 | | 12 | | | | | | | | | | | |
| 60/ 59 | | | | .3 | | | | | | | | | | | | | | 1 | 1 | 1 | 7 | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| TOTAL | .3 | 12.5 | 30.6 | 32.2 | 15.0 | 6.7 | 1.9 | .8 | | | | | | | | | | 360 | | 360 | 360 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 360 | | 360 | | | | | | | | | | | | |
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OII)

FORM

USAFETAC

PSYCHROMETRIC SUMMARY

APR

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

| HOURS | | S | T |
|-------|----|----|-----|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | 32 |
| 33 | 34 | 35 | 36 |
| 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 |
| 45 | 46 | 47 | 48 |
| 49 | 50 | 51 | 52 |
| 53 | 54 | 55 | 56 |
| 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 |
| 65 | 66 | 67 | 68 |
| 69 | 70 | 71 | 72 |
| 73 | 74 | 75 | 76 |
| 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 |
| 85 | 86 | 87 | 88 |
| 89 | 90 | 91 | 92 |
| 93 | 94 | 95 | 96 |
| 97 | 98 | 99 | 100 |

[illegible]

PSYCHROMETRIC SUMMARY

41017

UBON RATCHATHANI THAI/UBON RTAFB

66-67

ΔPR

PAGE 1

1500-1700

[illegible]

PSYCHROMETRIC SUMMARY

APR

HOURS . L . S . T .

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | .3 | | .6 | | | | | .8 | .6 | .8 | | 11 | 11 | | | | | | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | .3 | .8 | .3 | 1.1 | .3 | | | .6 | | | | 12 | 12 | | | | | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | .8 | .6 | | 1.4 | 1.4 | .3 | | | .3 | | | 17 | 17 | | | | | | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | .3 | 1.4 | 1.9 | 1.7 | 2.2 | 2.3 | 1.1 | .6 | .6 | | | | | 44 | 44 | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | 2.5 | .6 | 5.8 | 2.5 | 2.2 | .3 | .3 | | | | | | 51 | 51 | | | | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | .6 | 1.7 | 2.2 | 4.2 | 3.9 | 1.4 | .3 | | | | | | | | 51 | 51 | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | .3 | 1.4 | 2.5 | 4.2 | 3.1 | 2.8 | .3 | | | | | | | | | 52 | 52 | 1 | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | .6 | 3.3 | 2.5 | 2.5 | .8 | .8 | .3 | | | | | | | | | 39 | 39 | 2 | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | 1.4 | 3.1 | 2.2 | .8 | 1.1 | .3 | | | | | | | | | | 32 | 32 | 29 | 6 | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | .8 | 3.1 | 1.4 | | .6 | | | | | | | | | | | 21 | 21 | 32 | 7 | | | | | | | | | | | | | | | | | | |
| 78/ 77 | .3 | | 1.1 | 1.1 | .3 | | | .3 | | | | | | | | | | 11 | 11 | 65 | 23 | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | .3 | .3 | | | .3 | | | | | | | | | | | 3 | 3 | 72 | 46 | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | .8 | 1.1 | | | | .3 | | | | | | | | | | | 8 | 8 | 89 | 34 | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | .6 | .3 | | | | | | | | | | | | | | | 3 | 3 | 37 | 70 | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | .3 | | .3 | | | | | | | | | | | | | 2 | 2 | 20 | 47 | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 6 | 53 | | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | .3 | .3 | | | | | | | | | | | | | 2 | 2 | | 29 | | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 3 | 10 | | | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 | 18 | | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 | 3 | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | | |
| TOTAL | .3 | 1.4 | 6.1 | 13.1 | 11.4 | 13.6 | 14.2 | 17.0 | 7.5 | 7.5 | 3.1 | 1.1 | 1.9 | .8 | .8 | | | 359 | 359 | 359 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 359 | | 359 | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|----|--|-------|
| | | | | | | < 67 F | < 73 F | < 80 F | < 93 F | | | |
| Rel. Hum. | 1378386 | 21624 | 60.2 | 14.559 | 359 | | | | | | | |
| Dry Bulb | 2689808 | 31008 | 86.4 | 5.679 | 359 | 89.5 | 88.2 | 80.7 | 10.0 | 90 | | |
| Wet Bulb | 2032360 | 26978 | 75.1 | 3.747 | 359 | 88.5 | 72.7 | 10.3 | | 90 | | |
| Dew Point | 1775164 | 25172 | 70.1 | 5.332 | 359 | 71.7 | 29.1 | 1.8 | | 90 | | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UHON RATCHATHANI THAI/UHON RTAFB 66-67

APK

PAGE 1 2100-2300

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-----------|-------------------------------------|-----|------|------|------|------|-----|-----|-----|-----|-----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 92/ 91 | | | | | | | | | | | .3 | .6 | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 90/ 89 | | | | | | | | | | | .8 | .3 | | | | | .6 | 1.1 | .6 | .3 | | | | | | | | | | | | | 13 | 13 | | | |
| 88/ 87 | | | | | | | | .6 | 2.2 | 3.1 | 1.1 | .6 | .6 | .6 | | | | | | | | | | | | | | | | | | | 31 | 31 | | | |
| 86/ 85 | | | | | .6 | 3.3 | 5.3 | .8 | 1.9 | .8 | .3 | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | | | |
| 84/ 83 | | | | .6 | 5.0 | 4.7 | 4.7 | 3.3 | .3 | .6 | | | | | | | | | | | | | | | | | | | | | | | 69 | 69 | | | |
| 82/ 81 | | | 3.6 | 4.7 | 2.8 | 2.5 | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 52 | 52 | 1 | | |
| 80/ 79 | | .6 | 4.2 | 6.7 | 3.3 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | 26 | 1 | |
| 78/ 77 | | .3 | 3.6 | 3.3 | 1.4 | .8 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | 62 | 16 | |
| 76/ 75 | | 2.8 | 3.4 | 1.1 | .3 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 74 | 55 | |
| 74/ 73 | .3 | .6 | 1.7 | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 89 | 69 | |
| 72/ 71 | | .6 | | | .3 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 63 | 72 | |
| 70/ 69 | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 28 | 53 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 35 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 21 | |
| 64/ 63 | | | | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 1 | 12 | |
| 62/ 61 | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 9 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 9 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | .3 | 4.7 | 17.5 | 22.5 | 16.9 | 19.7 | 8.9 | 3.6 | 2.5 | 1.9 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | 360 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 1628630 | 25258 | 70.2 | 12.549 | 360 | - 0 F | - 32 F | - 67 F | - 73 F | - 80 F | - 93 F | Total |
| Dry Bulb | 2401929 | 29359 | 81.6 | 4.607 | 360 | | | 89.3 | 87.8 | 62.0 | | 90 |
| Wet Bulb | 1973534 | 26624 | 74.0 | 3.557 | 360 | | | 87.5 | 69.0 | 1.3 | | 90 |
| Dew Point | 1793732 | 25356 | 70.4 | 4.669 | 360 | | | 75.3 | 35.3 | | | 90 |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 1628630 | 25258 | 70.2 | 12.549 | 360 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
| Dry Bulb | 2401929 | 29359 | 81.6 | 4.607 | 360 | | | 89.3 | 87.8 | 62.0 | | 90 |
| Wet Bulb | 1973534 | 26624 | 74.0 | 3.557 | 360 | | | 87.5 | 63.0 | 1.5 | | 90 |
| Dew Point | 1793732 | 25356 | 70.4 | 4.669 | 360 | | | 75.3 | 35.3 | | | 90 |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OU)

JUL 64

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UON RATCHATHANI THAI/UBON RTAFB 66-69

MAY

PAGE 1 0300-0500

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-----------|-------------------------------------|-----|-----|-----|-----|-----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 2 | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 79 | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 | 8 | 2 |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 127 | 127 | 47 | 20 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 88 | 88 | 142 | 102 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | 143 | 173 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | 69 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 3.8 | 4.1 | 7.4 | 3.7 | 9.4 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | |

| Element | X | Z _X | X | Z _X | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-----------|---------|----------------|------|----------------|----------|------------------------------------|------|------|------|------|------|-------|
| Rel. Hum. | 2886906 | 32692 | 87.9 | 6.116 | 372 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | Total |
| Dry Bulb | 2238357 | 28841 | 77.5 | 2.504 | 372 | | | 93.0 | 93.0 | 17.7 | | 93 |
| Wet Bulb | 2077120 | 27790 | 74.7 | 1.712 | 372 | | | 93.0 | 85.0 | | | 93 |
| Dew Point | 2017532 | 27388 | 73.6 | 1.743 | 372 | | | 93.0 | 74.2 | | | 93 |

USAF ETAC 0 26 5 001

PSYCHROMETRIC SUMMARY

PAGE 1 MAY MONTH 0600-0800 HOURS S. T.

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|-------------------------------------|-----|------|------|------|-----|-----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|----------|----------|-----------|--|--|
| F | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 88/ 87 | | | | | | | | | .3 | .5 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | |
| 86/ 85 | | | | | | | | .5 | 3.0 | .3 | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | | | | | |
| 84/ 83 | | | | | .3 | 5.9 | 1.9 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | | | | | |
| 82/ 81 | | | .3 | 4.3 | 7.0 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | 49 | | | | | |
| 80/ 79 | | | 3.5 | 11.6 | 6.5 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 81 | 81 | 14 | 1 | | | |
| 78/ 77 | | | 11.3 | 12.1 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 89 | 89 | 69 | 12 | | | |
| 76/ 75 | | | .5 | 15.3 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | 150 | 95 | | | |
| 74/ 73 | | | 1.6 | 5.9 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | 30 | 123 | 184 | | | |
| 72/ 71 | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 14 | 73 | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| TOTAL | 2.2 | 36.6 | 32.0 | 21.0 | 7.3 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | 372 | | | |

| Element | X | Σ X | Σ X | X̄ | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|---------|-------|------|-------|----------------|----------|------------------------------------|------|------|------|------|-------|
| Re. Hum. | 2715448 | 31662 | 85.1 | 7.452 | 372 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | 93 |
| Dry Bulb | 2301436 | 29236 | 78.6 | 3.163 | 372 | | | 93.0 | 92.7 | 32.5 | | 93 |
| Wet Bulb | 2099628 | 27940 | 75.1 | 1.740 | 372 | | | 93.0 | 89.0 | .2 | | 93 |
| Dew Point | 2021033 | 27413 | 73.7 | 1.596 | 372 | | | 93.0 | 73.0 | | | 93 |

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 Udon Ratchathani Thai/Udon RTAFB 66-69

MAY

PAGE 1 0900-1100

| Temp.
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|------------|-------------------------------------|-----|------|------|------|------|------|-----|-----|-----|----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 96/ 95 | | | | | | | | | | | | | | | | .3 | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | | | | .3 | .6 | | | .3 | .8 | | | | | | | | | | | | | | 7 | 7 | | | |
| 92/ 91 | | | | | | | | | | | .5 | 1.3 | 3.0 | | | | .3 | | | | | | | | | | | | | | | | 20 | 20 | | | |
| 90/ 89 | | | | | | .3 | .8 | 4.3 | 5.4 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | 49 | 49 | | | |
| 88/ 87 | | | | | | | 1.9 | 9.4 | 4.0 | .3 | | | | | | | | | | | | | | | | | | | | | | | 51 | 50 | | | |
| 86/ 85 | | | | | | 1.3 | 9.4 | 7.0 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | 1 | | |
| 84/ 83 | | | | | | 5.9 | 5.9 | 3.2 | | .3 | | | | | | | | | | | | | | | | | | | | | | | 57 | 57 | 1 | | |
| 82/ 81 | | | .3 | 3.0 | 0.7 | 2.2 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 46 | 46 | 10 | 3 | | |
| 80/ 79 | | | .3 | 4.3 | 2.7 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 79 | 29 | 51 | 3 | | |
| 78/ 77 | | | 1.6 | 3.2 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | 152 | 24 | | |
| 76/ 75 | | | 2.2 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | 120 | 105 | | |
| 74/ 73 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 33 | 146 | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 83 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 6 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | .3 | 4.8 | 11.3 | 17.5 | 20.4 | 24.7 | 12.4 | 7.0 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|
| Rel. Hum. | 1864964 | 26052 | 70.0 | 10.446 | 372 | - 0 F | - 32 F | - 67 F | - 73 F | - 80 F |
| Dry Bulb | 2680919 | 31541 | 84.8 | 4.227 | 372 | | | 93.0 | 93.0 | 82.2 |
| Wet Bulb | 2200174 | 28600 | 76.9 | 1.912 | 372 | | | 93.0 | 92.0 | 5.7 |
| Dew Point | 2020463 | 27405 | 73.7 | 2.047 | 372 | | | 92.7 | 70.2 | .7 |

REVIEW PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-265 (OUI)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UHON RATCHATHANI THAI/UBON RTAFB 66-69

DAY

PAGE 1 1200-1400

| Temp.
F. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|-------------|-------------------------------------|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | | | | | | | | | | .5 | .3 | .3 | | | | | | | | | | | | | | 4 | 4 | |
| 98/ 97 | | | | | | | | | | | | | | | | | .3 | .3 | 2.4 | .3 | | | | | | | | | | | | | 12 | 12 | | |
| 96/ 95 | | | | | | | | | .5 | .6 | .5 | 1.6 | 3.5 | | | | | | | | | | | | | | | | | | | | 26 | 26 | | |
| 94/ 93 | | | | | | | | | | 1.3 | 1.9 | 7.5 | 2.4 | | | | | | | | | | | | | | | | | | | | 49 | 49 | | |
| 92/ 91 | | | | | .3 | .5 | 3.0 | 2.7 | 6.5 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | | |
| 90/ 89 | | | | | | .8 | 4.6 | 4.8 | 7.8 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | 72 | 72 | | |
| 88/ 87 | | | | | | | 1.9 | 7.5 | 4.3 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | 56 | 56 | | |
| 86/ 85 | | | | | | .8 | 3.2 | 2.4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | 3 | |
| 84/ 83 | | | | .8 | 2.4 | 1.3 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 7 | |
| 82/ 81 | | | | 1.9 | 3.0 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 28 | |
| 80/ 79 | | .8 | 3.0 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 95 | |
| 78/ 77 | | .8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 153 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 75 |
| 74/ 73 | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 5 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 99 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 34 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 1.6 | 6.7 | 7.8 | 8.1 | 18.5 | 14.2 | 18.3 | 15.1 | 8.9 | .5 | .3 | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | |

| Element (X) | Σx | Σx^2 | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | Total |
|-------------|------------|--------------|-----------|--------|----------|------------------------------------|--------|--------|--------|-------|
| Rel. Hum. | 1440366 | 22736 | 61.1 | 11.699 | 372 | < 67 F | > 73 F | < 80 F | > 93 F | |
| Dry Bulb | 2765641 | 33167 | 89.2 | 4.792 | 372 | 93.0 | 93.0 | 89.2 | 22.7 | 93 |
| Wet Bulb | 2261148 | 28992 | 77.9 | 2.104 | 372 | 93.0 | 92.7 | 17.7 | | 93 |
| Dew Point | 2016440 | 27370 | 73.6 | 2.690 | 372 | 93.0 | 58.2 | 2.5 | | 93 |

USAF ETAG 0 26 5 OUT

PSYCHROMETRIC SUMMARY

14Y

PAGE 1 1500-1700
HOURS: 1500-1700

| Temp
F. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|------------|-------------------------------------|---|-----|-----|-----|------|------|------|------|-----|------|-----|----|-----|-----|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-------|----------|----------|-----------|-----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 100/ 99 | | | | | | | | | | | | | | | | | | | .9 | .5 | | .3 | | | | | | | | | | | | 5 | 5 | | | | |
| 98/ 97 | | | | | | | | | | | | | | | | | | 1.6 | 1.2 | 1.3 | | .5 | | | | | | | | | | | | 18 | 18 | | | | |
| 96/ 95 | | | | | | | | | | | .5 | 1.6 | .5 | 6.7 | 2.7 | | | | | | | | | | | | | | | | | | | 45 | 45 | | | | |
| 94/ 93 | | | | | | | .8 | .3 | .3 | 1.3 | 1.9 | 3.6 | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | | | | |
| 92/ 91 | | | | .3 | | | | | 1.1 | 3.2 | 8.3 | 4.0 | .5 | | | | | | | | | | | | | | | | | | | | | 65 | 65 | | | | |
| 90/ 89 | | | | | | | | | 3.5 | 4.0 | 4.8 | 1.1 | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | | | | |
| 88/ 87 | | | | | | .3 | 2.2 | 6.7 | 3.2 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | | 1 | | |
| 86/ 85 | | | | | | .3 | 4.6 | 3.5 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 32 | 32 | | 3 | 1 | |
| 84/ 83 | | | | | .6 | 2.7 | 1.9 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | | 5 | 2 | |
| 82/ 81 | | | | | 2.2 | 1.9 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | | 24 | 4 | |
| 80/ 79 | | | .5 | 3.2 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | | 75 | 5 |
| 78/ 77 | | | 1.1 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | 151 | 35 |
| 76/ 75 | | | 1.3 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | | 92 | 77 |
| 74/ 73 | | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 18 | 87 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 96 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 56 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| TOTAL | | | 3.4 | 8.3 | 6.2 | 10.8 | 15.9 | 11.6 | 16.4 | 9.1 | 12.9 | 4.6 | .8 | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | | 372 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--|----|-------|
| Rel. Hum. | 1457701 | 22735 | 61.1 | 13.562 | 372 | < 67 F | < 73 F | < 80 F | < 93 F | | | |
| Dry Bulb | 2949756 | 33060 | 88.9 | 5.611 | 372 | 93.0 | 93.0 | 86.7 | 24.7 | | 93 | |
| Wet Bulb | 2241961 | 28867 | 77.6 | 2.261 | 372 | 93.0 | 92.2 | 13.7 | | | 93 | |
| Dew Point | 1989538 | 27184 | 73.1 | 2.872 | 372 | 93.0 | 32.7 | 1.7 | | | 93 | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

41017 UHON RATCHATHANI THAI/UHON RTAFB 66-69

1AY

PAGE 1 1400-2000

| Temp.
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------|------|----------|---|------|-----------|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | W | Bulb | Dew Point | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | ΣX | ΣX^2 | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Rel. Hum. | 1984555 | 26759 | 71.9 | 12.686 | 372 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F |
| Dry Bulb | 2667069 | 31443 | 84.5 | 5.027 | 372 | | | 93.0 | 93.0 | 77.2 | 5.7 |
| Wet Bulb | 2209275 | 28657 | 77.0 | 2.131 | 372 | | | 93.0 | 92.0 | 9.7 | 93 |
| Dew Point | 2040700 | 27538 | 74.0 | 2.406 | 372 | | | 93.0 | 66.5 | 1.0 | 93 |

REPRODUCED FROM THE RECORDS OF THE AIR FORCE

0.26 S. (0.01)

100.0

USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UHON RATCHATHANI THAI/UHON RTAFB 66-62

DAY

MONTH

PAGE 1

2100-2300

HOURS L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|------|------|-----|-----|----|---|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 90/ 89 | | | | | | | | | | | 1.6 | .5 | .5 | | | | | | | | | | | | | | | | | | | | 10 | 10 | | | |
| 88/ 87 | | | | | | | | .4 | .8 | | 2.7 | .5 | | | | | | | | | | | | | | | | | | | | | 16 | 16 | | | |
| 86/ 85 | | | | | .3 | 1.9 | 4.0 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | 32 | 32 | | | |
| 84/ 83 | | | | | 1.1 | 5.6 | 5.4 | 1.6 | .5 | | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | | | |
| 82/ 81 | | | | .5 | 7.5 | 11.0 | 3.5 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | 87 | 87 | 2 | 1 | |
| 80/ 79 | | | | 2.7 | 7.5 | 7.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 66 | 66 | 44 | 8 | |
| 78/ 77 | | | | 8.3 | 5.9 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | 88 | 42 | |
| 76/ 75 | | | 1.6 | 6.7 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | 158 | 109 | |
| 74/ 73 | | | .8 | .5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 64 | 136 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 62 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 14 |
| TOTAL | 2.4 | 18.8 | 25.8 | 28.0 | 13.7 | 9.1 | 1.6 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | | |

| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|------|------|------|------|-------|
| Rel. Hum. | 2435285 | 29883 | 80.3 | 9.680 | 372 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F |
| Dry Bulb | 2432312 | 30050 | 80.8 | 3.703 | 372 | | | 93.0 | 93.0 | 59.2 | 93 |
| Wet Bulb | 2144833 | 28237 | 75.9 | 1.996 | 372 | | | 93.0 | 89.0 | 2.7 | 93 |
| Dew Point | 2037260 | 27518 | 74.0 | 2.120 | 372 | | | 93.0 | 74.0 | .2 | 93 |

USAFETAC FORM 0-26-5 (OU) JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

41017 USON RATCHATHANI THAI/USON RTAFB 66-69

JUN

PAGE 1 0000-0200

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|-----|-----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | .3 | | | | .6 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 84/ 83 | | | | | 1.7 | 4.4 | | .6 | | | .6 | | | | | | | | | | | | | | | | | | | | | 26 | 26 | | | |
| 82/ 81 | | | | 1.1 | 3.9 | 6.7 | 2.2 | .6 | | | | | | | | | | | | | | | | | | | | | | | | 88 | 88 | 1 | | |
| 80/ 79 | | .3 | 9.7 | 8.3 | 5.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 87 | 87 | 24 | 12 | |
| 78/ 77 | | | | 15.3 | 8.6 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | 90 | 90 | 104 | 31 | |
| 76/ 75 | | 1.1 | 10.3 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | 139 | 120 | |
| 74/ 73 | | 1.1 | 4.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 80 | 119 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 49 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.5 | 40.6 | 34.4 | 18.1 | 3.3 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2710911 | 31139 | 86.5 | 6.977 | 360 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
| Dry Bulb | 2243198 | 28402 | 78.9 | 2.606 | 360 | | | 90.0 | 90.0 | 35.5 | | 90 |
| Wet Bulb | 2067679 | 27275 | 75.8 | 1.843 | 360 | | | 90.0 | 87.0 | 1.3 | | 90 |
| Dew Point | 1999187 | 26817 | 74.5 | 2.074 | 360 | | | 90.0 | 75.5 | | | 90 |

REMOVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OU)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UBON RATCHATHANI THAI/UBON RTAFB 66-69

JUN
MONTH

PAGE 1 0300-0500
HOURS L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|-----|-----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 86/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | |
| 82/ 81 | | | .6 | 5.6 | 2.2 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 | | | |
| 80/ 79 | | | 5.6 | 8.6 | 7.2 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 79 | 79 | 7 | 1 | |
| 78/ 77 | | .6 | 25.8 | 12.6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 142 | 142 | 56 | 34 |
| 76/ 75 | 2.2 | 16.4 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | 160 | 117 |
| 74/ 73 | 1.1 | 5.6 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 26 | 117 | 143 |
| 72/ 71 | | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 17 | 51 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 14 |
| TOTAL | 1.955, 328, 610, 3 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | | 360 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2843827 | 31915 | 88.7 | 6.350 | 360 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Dry Bulb | 2167403 | 27921 | 77.6 | 2.300 | 360 | | | 90.0 | 88.8 | 19.0 | | 90 |
| Wet Bulb | 2028408 | 27016 | 75.0 | 1.675 | 360 | | | 90.0 | 89.0 | | | 90 |
| Dew Point | 1969340 | 26618 | 73.9 | 1.854 | 360 | | | 90.0 | 73.8 | | | 90 |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26 5 (OU)

FORM

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UBDN RATCHATHANI THAI/UBDN RTAFB 66-69

JUN

PAGE 1 0600-0800

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|-----|-----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 84/ 83 | | | | .3 | .6 | 3.6 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | | | | |
| 82/ 81 | | | .8 | 8.3 | 7.9 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 65 | 2 | 1 | | |
| 80/ 79 | .3 | 7.5 | 10.0 | 5.6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 85 | 85 | 9 | 5 | | |
| 78/ 77 | .6 | 17.2 | 9.4 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 100 | 76 | 25 | | |
| 76/ 75 | 2.2 | 12.2 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | 62 | 166 | 125 | | |
| 74/ 73 | 1.1 | 5.6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | 87 | 131 | | |
| 72/ 71 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 | 19 | 61 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 12 | |
| TOTAL | 4.2 | 44.4 | 43.1 | 41.7 | 2 | 2.2 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | 360 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2749883 | 31355 | 87.1 | 7.265 | 360 | < 0 F | < 32 F | < 67 F | > 73 F | < 80 F | < 93 F | Total |
| Dry Bulb | 2209032 | 28184 | 78.3 | 2.659 | 360 | | | 90.0 | 89.3 | 28.3 | | 90 |
| Wet Bulb | 2043838 | 27118 | 75.3 | 1.750 | 360 | | | 90.0 | 85.0 | .8 | | 90 |
| Dew Point | 1977557 | 26673 | 74.1 | 1.910 | 360 | | | 90.0 | 71.8 | .3 | | 90 |

REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 84 0 26 5 (OLI)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UHON RATCHATHANI THAI/UHON RTAFB 66-69

JUN

PAGE 1 0900-1100

HOURS L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|------|-----|------|------|-----|-----|----|---|-----|------|------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 92/ 91 | | | | | | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | | 1.4 | 1.4 | | | | | | .3 | | | | | | | | | | | | | | | 13 | 13 | | | |
| 88/ 87 | | | | | | | | | | | 1.4 | 10.0 | 2.5 | | | | | .6 | | | | | | | | | | | | | | | 92 | 92 | | | |
| 86/ 85 | | | | | | | | | | | .3 | 1.4 | 15.6 | 5.8 | 2.2 | | | | | | | | | | | | | | | | | | 91 | 91 | | | |
| 84/ 83 | | | | | | | | | | | .6 | 1.1 | 11.1 | 6.7 | 1.7 | | | | | | | | | | | | | | | | | | 77 | 77 | 2 | | |
| 82/ 81 | | | | | | | | | | | .3 | 3.1 | 9.4 | 2.8 | | | | .3 | | | | | | | | | | | | | | | 57 | 57 | 10 | 4 | |
| 80/ 79 | | | | | | | | | | | 1.4 | 3.9 | 4.2 | | | | | | | | | | | | | | | | | | | | 35 | 35 | 43 | 4 | |
| 78/ 77 | | | | | | | | | | | 3.3 | 2.5 | 1.4 | | | | | | | | | | | | | | | | | | | | 26 | 26 | 166 | 28 | |
| 76/ 75 | | | | | | | | | | | .3 | 1.1 | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 99 | 145 | |
| 74/ 73 | | | | | | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 36 | 114 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 42 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .4 | 6.9 | 11.2 | 7.5 | 26.7 | 19.4 | 6.4 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|------|------|------|------|------|-------|
| Rel. Hum. | 1975920 | 26468 | 73.5 | 9.131 | 360 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | Total |
| Dry Bulb | 2519744 | 30094 | 83.6 | 3.360 | 360 | | | 90.0 | 90.0 | 79.3 | | 90 |
| Wet Bulb | 2126643 | 27681 | 76.8 | 1.888 | 360 | | | 90.0 | 89.0 | 4.0 | | 90 |
| Dew Point | 1976896 | 26886 | 74.1 | 2.167 | 360 | | | 90.0 | 73.8 | 1.0 | | 90 |

REPRODUCED FROM THE AIR WEATHER SERVICE

0 26 5 (U)

USAF ETAC

PSYCHROMETRIC SUMMARY

PAGE 1 JUN
MONTH
1200-1400
HOURS: S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|------|------|------|-------|------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 94/ 93 | | | | | | | .3 | .6 | 1.4 | .6 | .6 | .3 | | | | | | | | | | | | | | | | | | | | | 13 | 13 | | |
| 92/ 91 | | | | | | .3 | .3 | 1.9 | 3.6 | 5.3 | 2.5 | .3 | | | | | | | | | | | | | | | | | | | | | 51 | 51 | | |
| 90/ 89 | | | | | | .6 | 9.7 | 9.7 | 5.6 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | 97 | 97 | | |
| 88/ 87 | | | | | | | 1.7 | 18.9 | 2.5 | .8 | | | | | | | | | | | | | | | | | | | | | | | 86 | 86 | 1 | |
| 86/ 85 | | | | .3 | 1.9 | 9.7 | 4.2 | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 61 | 61 | 1 | 1 |
| 84/ 83 | | .3 | .3 | 4.7 | 2.2 | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | 30 | 3 | 1 |
| 82/ 81 | | | 1.4 | 2.5 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 27 | 2 |
| 80/ 79 | | .3 | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 117 | 11 |
| 78/ 77 | | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 142 | 36 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 61 | 132 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 102 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 41 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | 1.1 | 2.8 | 9.7 | 15.3 | 35.8 | 18.1 | 112.5 | 4.4 | .6 | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Rel. Hum. | 1538122 | 23322 | 64.8 | 8.712 | 360 | | | | | | | |
| Dry Bulb | 2778829 | 31609 | 87.8 | 3.109 | 360 | | | 90.0 | 90.0 | 88.8 | 3.3 | 90 |
| Wet Bulb | 2197353 | 28117 | 78.1 | 1.930 | 360 | | | 90.0 | 89.8 | 13.8 | | 90 |
| Dew Point | 1988814 | 26742 | 74.3 | 2.547 | 360 | | | 90.0 | 71.8 | 1.0 | | 90 |

PSYCHROMETRIC SUMMARY

442

HOURS: 5.50

| Temp
°F | WET BULB TEMPERATURE DEPRESSION (°F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|------------|--------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 96/ 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 100 | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | 2 | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | 2 | 1 | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | 21 | 4 | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 110 | 4 | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 136 | 27 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 73 | 130 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 107 | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 49 | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

41017 UBON RATCHATHANI THAI/UBON RTAFB 66-69

JUN
MONTH

PAGE 1 1900-2000
HOURS: L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 1 2100-2300

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PSYCHROMETRIC SUMMARY

123

HQ-185 : 5 7

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PSYCHROMETRIC SUMMARY

41017 UREN RATCHATHANI 1-61/UBON RTAFB 66-69

404

PAGE 1 0600-0800

| Temp.
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|------------|-------------------------------------|------|------|------|------|-----|-----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 86/ 85 | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | .3 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | |
| 82/ 81 | | | | | 3.2 | 5.6 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | | |
| 80/ 79 | | | | 3.8 | 11.8 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 72 | 6 | |
| 78/ 77 | | | 15.3 | 14.7 | 4.7 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | 120 | 40 | 9 |
| 76/ 75 | 2.2 | 15.1 | 8.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 94 | 94 | 156 | 81 |
| 74/ 73 | .9 | 6.7 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 123 | 174 |
| 72/ 71 | | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 43 | 90 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.7 | 42.2 | 38.4 | 15.9 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 |
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

41017 LAKH RATCHATHANI T-41/URON RTAFB 66-67

JUL

PAGE 1 0900-1100

HOURS (L.S.T.)

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | 30 | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 61 | 61 | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 85 | 85 | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 85 | 85 | 5 | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | 31 | 4 | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | 125 | 14 | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | 139 | 105 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 155 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 78 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 |

| Element (X) | Σx | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|---------|-------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|----|
| Rel. Hum. | 2576483 | 27661 | 74.4 | 7.283 | 372 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | 93 |
| Dry Bulb | 2536483 | 30693 | 82.5 | 3.309 | 372 | | | 93.0 | 93.0 | 76.2 | | 93 |
| Wet Bulb | 2155665 | 28309 | 76.1 | 1.918 | 372 | | | 93.0 | 89.5 | 3.0 | | 93 |
| Dew Point | 2008828 | 27328 | 73.5 | 1.834 | 372 | | | 93.0 | 69.5 | | | 93 |

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UEN RATCHATHANI THAI/UBON RTAFB 56-69

JUL

PAGE 1 1900-1700

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 94/ 97 | | | | | | | | | | | | | | | | | | | 2 | | 2 | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | | | 6 | | 6 | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | | 7 | | 7 | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | 37 | | 37 | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | 71 | | 71 | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | 96 | | 96 | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | 45 | | 45 | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | 47 | | 47 | 5 | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | 24 | | 24 | 20 | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | 15 | | 15 | 69 | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | 19 | | 19 | 149 | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | 2 | | 2 | 99 | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | 1 | | 1 | 29 | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | 1 | 80 | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | 23 | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| TOTAL | | 2.7 | 7.5 | 9.7 | 16.7 | 28.8 | 41.9 | 51.1 | 6.3 | 3.2 | | | | | | | | | | 372 | | 372 | | | | | | | | | | | | | |

| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
| Rel. Hum. | 1662910 | 24612 | 66.2 | 9.650 | 372 | | | | | | | |
| Dry Bulb | 2790009 | 32181 | 86.5 | 4.053 | 372 | | | 93.0 | 93.0 | 86.5 | 3.7 | 93 |
| Wet Bulb | 2225791 | 28765 | 77.3 | 2.031 | 372 | | | 93.0 | 92.7 | 11.7 | | 93 |
| Dew Point | 2018623 | 27391 | 73.6 | 2.188 | 372 | | | 93.0 | 67.0 | 1.5 | | 93 |

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UBBN RATCHATHANI THAI/UBBN RTAFB 66-69

JUL

PAGE 1 1900-2000

| Temp.
°F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|-------|------|------|------|-----|-----|-----|-----|-----|-----|----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 94/ 93 | | | | | | | | | | | | | | .3 | .3 | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | | | | | | .5 | .5 | 1.1 | 1.1 | | | | | | | | | | | | | | | | | | | 8 | 8 | | | |
| 90/ 89 | | | | | | | | .5 | .3 | 1.1 | 1.1 | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | | |
| 88/ 87 | | | | | | | 1.3 | 6.7 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | | | |
| 86/ 85 | | | | .8 | 1.9 | 1.6 | 4.6 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 72 | | | |
| 84/ 83 | | | | 2.4 | 1.0 | 4.8 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | 74 | 74 | | | |
| 82/ 81 | | .3 | 5.9 | 6.2 | .8 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | 14 | 2 | |
| 80/ 79 | | 2.7 | 7.5 | 3.5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | 53 | 44 | 10 | |
| 78/ 77 | .3 | 5.4 | 6.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | 161 | 44 | |
| 76/ 75 | | 1.6 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 95 | 127 | |
| 74/ 73 | | 1.1 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 50 | 120 | |
| 72/ 71 | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 7 | 56 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 12 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | .3 | 11.32 | 5.82 | 2.61 | 9.61 | 4.0 | 4.0 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | |

| Element (X) | Z _{X'} | Z _X | X | σ _X | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|-----------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Rel. Hum. | 2226849 | 28543 | 76.7 | 9.957 | 372 | - 0 F | - 32 F | - 67 F | - 73 F | - 80 F | - 93 F |
| Dry Bulb | 2543022 | 30720 | 82.6 | 4.070 | 372 | | | 93.0 | 92.7 | 70.2 | .5 |
| Wet Bulb | 2187790 | 28518 | 76.7 | 2.053 | 372 | | | 93.0 | 91.0 | 5.7 | 93 |
| Dew Point | 2057255 | 27653 | 74.3 | 2.103 | 372 | | | 93.0 | 75.7 | .7 | 93 |

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DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

41017 U-ON RATCHATHANI THAI/UKON RTAFB 66-69

JUL

PAGE 1 2100-2300

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|--------------|-------------------------------------|---|----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | |
| 84/ 83 | | | | | .5 | 1.1 | 1.7 | 2.3 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | 45 | 45 | | | | |
| 82/ 81 | | | | 1.1 | 2.3 | 3.5 | 4.7 | 5.9 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | 83 | 83 | 3 | 1 | | |
| 80/ 79 | | | .3 | 1.0 | 2.1 | 3.2 | 4.3 | 5.4 | 6.5 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | 91 | 93 | 25 | 10 | | |
| 78/ 77 | | | .8 | 1.6 | 2.4 | 3.2 | 4.0 | 4.8 | 5.6 | 1.6 | .3 | | | | | | | | | | | | | | | | | | | | | | 83 | 83 | 103 | 42 | | |
| 76/ 75 | | | .8 | 1.6 | 2.4 | 3.2 | 4.0 | 4.8 | 5.6 | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | 134 | 128 | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 90 | 116 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 68 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 1.930.432.029.0 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | | 372 | | 372 | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum | 2657606 | 31334 | 84.2 | 7.024 | 372 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
| Dry Bulb | 2348014 | 29536 | 79.4 | 2.803 | 372 | | | 93.0 | 93.0 | 47.0 | | 93 |
| Wet Bulb | 2133529 | 28163 | 75.7 | 1.938 | 372 | | | 93.0 | 88.7 | 2.2 | | 93 |
| Dew Point | 2048726 | 27596 | 74.2 | 2.062 | 372 | | | 93.0 | 74.2 | .7 | | 93 |

REUSED PREVIOUS EDITIONS OF THIS FORM ARE PROHIBITED

0-26-5 (OUI)

FORM 10-64

USAFETAC

PSYCHROMETRIC SUMMARY

AUG.

HOURS . . S. T.

[illegible]

PSYCHROMETRIC SUMMARY

AUG

0300-0500

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-------------------------------------|-------|-------|------|-----|-----|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|-----------|----------|----------|-----------|----|
| F | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 80/ 79 | | .4 | 4.0 | 5.6 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 41 | 4 | 1 | |
| 78/ 77 | | .318 | 3.19 | 4.9 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 157 | 157 | 21 | 12 | |
| 76/ 75 | | 2.623 | 4.12 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 142 | 142 | 121 | 86 | |
| 74/ 73 | | .3 | 6.2 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 162 | 150 | |
| 72/ 71 | | .5 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 61 | 98 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 24 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.552 | 734.0 | 4.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|------|------|------|------|------|-------|
| Rel. Hum. | 2989922 | 33298 | 89.5 | 5.032 | 372 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | Total |
| Dry Bulb | 2177150 | 28452 | 76.5 | 1.667 | 372 | | | 93.0 | 92.0 | 2.2 | | 93 |
| Wet Bulb | 2046392 | 27584 | 74.2 | 1.661 | 372 | | | 93.0 | 77.0 | | | 93 |
| Dew Point | 1994224 | 27228 | 73.2 | 1.879 | 372 | | | 93.0 | 62.2 | | | 93 |

PSYCHROMETRIC SUMMARY

AUG

PAGE 1 0900-1100

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UBBN RATCHATHANI THAI/UBBN RTAFB 66-69

AUG

PAGE 1 1200-1400

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | | |
|-----------|-------------------------------------|-----|-----|------|------|------|------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|-------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 31 | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | | | | 1.3 | .8 | .3 | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | |
| 90/ 89 | | | | | | .5 | 1.1 | 6.5 | 5.1 | 1.9 | .3 | | | | | | | | | | | | | | | | | | | | | | 57 | 57 | | |
| 88/ 87 | | | | | .5 | 4.0 | 11.6 | 8.3 | .8 | | | | | | | | | | | | | | | | | | | | | | | | 94 | 94 | | |
| 86/ 85 | | | | | 1.1 | 9.1 | 13.4 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | 104 | 104 | 1 | |
| 84/ 83 | | | | .3 | 5.9 | 5.4 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | 53 | 3 | |
| 82/ 81 | | | .2 | 3.2 | 1.6 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 13 | |
| 80/ 79 | | .5 | 1.6 | 1.6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 63 | |
| 78/ 77 | | 1.9 | 1.4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 133 | |
| 76/ 75 | | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 126 | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 133 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 89 |
| TOTAL | | 3.2 | 4.3 | 13.2 | 21.5 | 36.0 | 18.5 | 3.0 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | |

| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 1746930 | 25306 | 68.0 | 8.281 | 372 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
| Dry Bulb | 2733185 | 31863 | 85.7 | 3.290 | 372 | | | 93.0 | 93.0 | 87.0 | | 93 |
| Wet Bulb | 2214178 | 26690 | 77.1 | 2.011 | 372 | | | 93.0 | 93.0 | 12.2 | | 93 |
| Dew Point | 2025870 | 27438 | 73.8 | 2.377 | 372 | | | 93.0 | 63.5 | 1.5 | | 93 |

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE

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PSYCHROMETRIC SUMMARY

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PAGE 1 1500-1700

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PSYCHROMETRIC SUMMARY

Page 1 1000-2000

| WET BULB TEMPERATURE DEPRESSION F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | |
|-----------------------------------|---|---|---|---|---|---|---|---|-------|-------|------|------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|----|----------|----------|-----------|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | DB | WB | Dry Bulb | Wet Bulb | Dew Point | |
| 92/ 89 | | | | | | | | | .5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 88/ 87 | | | | | | | | | 1.6 | 3.0 | 2.2 | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | | | |
| 86/ 85 | | | | | | | | | 6.5 | 5.9 | .5 | | | | | | | | | | | | | | | | | | | | | | 61 | 61 | | | |
| 84/ 83 | | | | | | | | | 2.7 | 11.6 | 0.5 | 2.4 | | | | | | | | | | | | | | | | | | | | | 86 | 86 | | | |
| 82/ 81 | | | | | | | | | .3 | 6.2 | 12.9 | 2.2 | | | | | | | | | | | | | | | | | | | | | 80 | 80 | 4 | | |
| 80/ 79 | | | | | | | | | 2.7 | 9.7 | 4.0 | | | | | | | | | | | | | | | | | | | | | | 61 | 61 | 46 | | |
| 78/ 77 | | | | | | | | | 3.0 | 4.5 | 1.1 | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | 131 | | |
| 76/ 75 | | | | | | | | | 2.2 | 1.5 | .3 | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 149 | | |
| 74/ 73 | | | | | | | | | .8 | .0 | | | | | | | | | | | | | | | | | | | | | | | | 8 | 0 | 33 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | | | | | | | 9.725 | 633.2 | 17.9 | 11.9 | 2.7 | | | | | | | | | | | | | | | | | | | | | 371 | 371 | 371 | |

| Element | X1 | Σ X | Σ X | X̄ | % | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|---------|-------|------|-------|-----|----------|------------------------------------|--------|--------|--------|--------|-------|
| | | | | | | | < 67 F | > 73 F | < 80 F | > 93 F | | |
| Rel. Hum. | 2260367 | 28789 | 77.6 | 8.445 | 371 | 0 F | 32 F | < 67 F | > 73 F | < 80 F | > 93 F | 93 |
| Dry Bulb | 2499447 | 30427 | 82.0 | 1.297 | 371 | | | 93.0 | 93.0 | 71.4 | | 93 |
| Wet Bulb | 2167744 | 28350 | 76.4 | 1.729 | 371 | | | 93.0 | 90.0 | 5.8 | | 93 |
| Dew Point | 2044899 | 27533 | 74.2 | 2.070 | 371 | | | 93.0 | 73.2 | | | 93 |

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

41017 UHON RAICHATHANI THAI/UBON RTAFB 66-67

AUG

PAGE 1 2100-2300

| Time | WET BULB TEMPERATURE DEPRESSION (°F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------|--------------------------------------|---|---|------|------|------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 84/ 83 | | | | 2.2 | 2.7 | | .3 | | .5 | | | | | | | | | | | | | | | | | | | | | | | 21 | 71 | | | |
| 82/ 81 | | | | .8 | 6.2 | 6.6 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | | | |
| 80/ 79 | | | | 7.8 | 14.3 | 11.1 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | 125 | 125 | 16 | 5 | |
| 78/ 77 | | | | 13.2 | 12.1 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | 106 | 106 | 74 | 33 | |
| 76/ 75 | | | | .5 | 6.2 | 2.4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | 158 | 119 | |
| 74/ 73 | | | | .3 | 4.8 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | 105 | 129 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 71 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 13 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | | .432 | .437 | .725 | .9 | 2.4 | .5 | | | | | | | | | | | | | | | | | | | | | | | | 371 | 171 | 371 | 371 |

| Element X | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-----------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Ref. H. | 2594627 | 31533 | 85.0 | 6.258 | 371 | < 0 F | > 32 F | < 67 F | > 73 F | > 80 F | > 93 F | Total |
| Dry Bulb | 2306616 | 29240 | 78.8 | 2.379 | 371 | | | 93.0 | 93.0 | 39.6 | | 93 |
| Wet Bulb | 2104204 | 27932 | 75.3 | 1.837 | 371 | | | 93.0 | 88.5 | 1.3 | | 93 |
| Dew Point | 2027490 | 27416 | 73.9 | 2.023 | 371 | | | 93.0 | 71.7 | | | 93 |

PSYCHROMETRIC SUMMARY

SE D

PAGE 1 0000-0200

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------------------------------|-----|-----|-----|-----|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|----------|-----------|-----|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D.B. | W.B. | Wet Bulb | Dew Point | |
| 84/ 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 65 | 7 | 1 |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 121 | 121 | 52 | 12 |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 110 | 110 | 125 | 80 |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | 118 | 140 |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 35 | 79 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 23 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 12 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.1 | 1.1 | 0.3 | 0.4 | 10.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | | 360 | 360 |

| Element | X | ΣX | ΣX ² | ΣX ³ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-----------|---------|-------|-----------------|-----------------|----------|------------------------------------|------|------|------|------|------|-------|
| Rel. Hum. | 2807478 | 31722 | 88.1 | 5.839 | 360 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | Total |
| Dry Bulb | 2136759 | 27725 | 77.0 | 2.077 | 360 | 90.0 | 89.5 | 87.5 | | | | 90 |
| Wet Bulb | 1993774 | 26780 | 74.4 | 2.137 | 360 | 89.8 | 75.5 | | | | | 90 |
| Dew Point | 1933006 | 26364 | 73.2 | 2.523 | 360 | 88.5 | 60.0 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11017 0000 RATCHATHANI THAI/URON RTAFB 66-69

SEP

PAGE 1 0300-0500

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------------------------------------|-----|-----|-----|----|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----|-----|-----|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | 2.2 | 3.1 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | .6 | 1.6 | 2.2 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 116 | 116 | 13 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | 1.1 | 2.5 | 3.1 | 1.7 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 137 | 137 | 108 | 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74/ 73 | .6 | 1.3 | .6 | 5.7 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 72 | 140 | 143 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | .4 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | 69 | 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 22 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 2.250.434.7 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | |

| Element | X | ΣX | ΣX^2 | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|---|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Wet Bulb | | 2719315 | 32379 | 89.9 | 4.445 | 360 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F |
| Dry Bulb | | 2760494 | 27280 | 79.8 | 1.888 | 360 | | | 90.0 | 87.0 | 2.0 | 90 |
| Wet Bulb | | 1953640 | 26510 | 73.6 | 2.026 | 360 | | | 90.0 | 65.8 | | 90 |
| Dew Point | | 1902760 | 26160 | 72.7 | 2.239 | 360 | | | 88.8 | 53.5 | | 90 |

PSYCHROMETRIC SUMMARY

SEP

HOURS : 5 1

| Temp.
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|------------|-------------------------------------|------|------|------|-----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | | 1.7 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | | |
| 80/ 79 | | | 3.3 | 6.7 | 3.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | | | | |
| 78/ 77 | | | 15.6 | 11.4 | 1.7 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 104 | 104 | 23 | 2 | | |
| 76/ 75 | | .8 | 20.6 | 12.5 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 124 | 124 | 115 | 65 | | |
| 74/ 73 | 1.1 | 9.7 | 4.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 55 | 141 | 136 | | |
| 72/ 71 | | 2.2 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 57 | 108 | | |
| 70/ 69 | | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 20 | 33 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 13 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | 1.9 | 51.7 | 38.1 | 7.8 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

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| 41017 | UBLN RATCHATHANI THAI/URON RTAFB | 66-69 |
| | STATION NAME | |

SEP

PAGE 1 0900-1100

1000

| Temp.
F. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 90/ 89 | | | | | .3 | .3 | 1.7 | .8 | .3 | .3 | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | 1.1 | 3.6 | 3.9 | .6 | | | | | | | | | | 13 | 13 | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | 33 | 33 | | | | | | | | | | | | | | | |
| 84/ 83 | | | | 1.1 | 4.1 | 8.1 | 3.1 | .6 | | | | | | | | | | 75 | 75 | | | | | | | | | | | | | | | |
| 82/ 81 | | | | 3.1 | 13.9 | 5.3 | .6 | | | | | | | | | | | 82 | 82 | 1 | | | | | | | | | | | | | | |
| 80/ 79 | | | .4 | 3.6 | 11.9 | .3 | .3 | | | | | | | | | | | 61 | 61 | 14 | 3 | | | | | | | | | | | | | |
| 78/ 77 | .6 | 5.7 | 6.4 | 3.6 | | | | | | | | | | | | | | 58 | 58 | 84 | 19 | | | | | | | | | | | | | |
| 76/ 75 | .6 | 3.1 | 2.2 | | | | | | | | | | | | | | | 21 | 21 | 136 | 62 | | | | | | | | | | | | | |
| 74/ 73 | .3 | 2.2 | | | | | | | | | | | | | | | | 9 | 9 | 103 | 134 | | | | | | | | | | | | | |
| 72/ 71 | | 1.1 | | | | | | | | | | | | | | | | 4 | 4 | 19 | 113 | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 3 | 23 | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| TOTAL | 1.4 | 2.2 | 16.4 | 38.9 | 17.5 | 9.4 | 2.5 | .8 | .3 | | | | | | | | | | 360 | 360 | 360 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 360 | | 360 | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

SEP

NO. 185 5. 7.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UEN RATCHATHANI THAI/URON RTAFB 66-69

SEP

PAGE 1 1500-1700

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-----------|-------------------------------------|---|---|---|---|-----|-----|------|------|-------|------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 92/ 91 | | | | | | | | | | | | .3 | 2.2 | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | | |
| 90/ 89 | | | | | | | | | 1.1 | 3.6 | 1.7 | 5.6 | 1.4 | | | | | | | | | | | | | | | | | | | | 49 | 49 | | | | |
| 88/ 87 | | | | | | | | | 3.9 | 8.1 | 8.1 | 1.4 | .6 | | | | | | | | | | | | | | | | | | | | 79 | 79 | | | | |
| 86/ 85 | | | | | | | | | .6 | 5.6 | 6.7 | 3.3 | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | | | |
| 84/ 83 | | | | | | .3 | 6.1 | 5.0 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | 52 | 52 | | | |
| 82/ 81 | | | | | | 3.1 | 4.4 | 2.8 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | 6 | | |
| 80/ 79 | | | | | | 1.9 | 1.4 | 6.1 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | 37 | 37 | 43 | 3 | |
| 78/ 77 | | | | | | 1.4 | 2.5 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | 116 | 36 | |
| 76/ 75 | | | | | | 2.5 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 132 | 66 | |
| 74/ 73 | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 55 | 99 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 112 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | | | | 6.1 | 9.4 | 17.8 | 19.2 | 221.9 | 13.6 | 9.2 | 2.8 | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | | 360 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 1779602 | 25006 | 69.5 | 10.901 | 360 | < 0 F | < 32 F | < 67 F | > 73 F | < 80 F | < 93 F | Total |
| Dry Bulb | 2578308 | 30430 | 84.5 | 4.131 | 360 | | | 90.0 | 90.0 | 78.0 | | 90 |
| Wet Bulb | 2100727 | 27491 | 76.4 | 1.980 | 360 | | | 90.0 | 88.0 | 5.5 | | 90 |
| Dew Point | 1927087 | 26325 | 73.1 | 2.402 | 360 | | | 89.8 | 51.0 | | | 90 |

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PSYCHROMETRIC SUMMARY

5 f A

100-200
100-200

| Temp.
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | |
|------------|-------------------------------------|---|---|-----|------|------|---|---|---|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|-----|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 88/ 87 | | | | | | | | | | 1.1 | 1.9 | 1.4 | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | | | | | |
| 86/ 85 | | | | | .8 | 1.4 | | | | 0.4 | 3.3 | 1.4 | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | | | | | |
| 84/ 83 | | | | | 1.4 | 6.4 | | | | 4.4 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | 57 | 57 | | | | | |
| 82/ 81 | | | | .1 | 7.0 | 10.0 | | | | 2.8 | .8 | | | | | | | | | | | | | | | | | | | | | | | 74 | 78 | 3 | | | | |
| 80/ 79 | | | | 4.4 | 11.9 | 5.8 | | | | .8 | | | | | | | | | | | | | | | | | | | | | | | | 83 | 83 | 35 | 5 | | | |
| 78/ 77 | | | | 3.1 | 7.8 | 1.4 | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | 45 | 45 | 74 | 46 | | | |
| 76/ 75 | | | | 3.1 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | 128 | 73 | | | |
| 74/ 73 | | | | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 82 | 127 | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 83 | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

SFP

PAGE 1 2100-2300

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|---|------|-------|------|-----|-----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 86/ 85 | | | | | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | 1.4 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | | | |
| 82/ 81 | | | | 1.1 | 6.1 | 5.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | 1 | | |
| 80/ 79 | | | | 7.8 | 11.9 | 6.7 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | 104 | 104 | 14 | 1 | |
| 78/ 77 | | | | 11.4 | 12.5 | 4.7 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | 108 | 108 | 71 | 41 | |
| 76/ 75 | | | | 9.7 | 7.4 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 68 | 68 | 113 | 87 | |
| 74/ 73 | .3 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 115 | 124 | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 72 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 20 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 10 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | | | | .333 | 140.6 | 20.6 | 4.2 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

1107

$$H_0: \beta_1 = \beta_2 = \beta_3 = 0$$

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-----------|-------------------------------------|---|------|------|------|-----|-----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 84/ 81 | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 82/ 81 | | | .5 | .3 | .2 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 13 | | | | |
| 80/ 79 | | | 4.0 | 4.0 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 37 | 37 | 5 | | | |
| 78/ 77 | .3 | | 7.3 | 8.4 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 74 | 74 | 30 | 13 | | |
| 76/ 75 | | | 3.8 | 7.2 | 6.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 104 | 108 | 51 | 43 | | |
| 74/ 73 | | | 1.9 | 5.6 | 11.0 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 80 | 69 | 46 | | |
| 72/ 71 | | | .5 | 2.7 | 5.1 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | 72 | 64 | | |
| 70/ 69 | | | .8 | .0 | 1.9 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 50 | 56 | | |
| 68/ 67 | | | | | | .5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 60 | 47 | | |
| 66/ 65 | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 23 | 43 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 31 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 20 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | | | .318 | .842 | .530 | .6 | 7.5 | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | 372 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|----|
| Rel. Hum | 2534789 | 30583 | 82.2 | 7.431 | 372 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Dry Bulb | 2118345 | 28051 | 75.4 | 2.906 | 372 | | | 92.7 | 78.7 | 6.5 | | 93 |
| Wet Bulb | 1902469 | 26565 | 71.4 | 3.825 | 372 | | | 84.2 | 38.7 | | | 93 |
| Dew Point | 1808614 | 25882 | 69.6 | 4.605 | 372 | | | 67.7 | 26.0 | | | 93 |

PSYCHROMETRIC SUMMARY

507

0300-0500

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------------------------------|-----|------|-------|-----|-----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 80/ 79 | | 2.4 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | |
| 78/ 77 | | 7.3 | 4.0 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 10 | 5 | |
| 76/ 75 | 1.1 | 1.1 | 3.1 | 5.1 | 2.2 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | 112 | 112 | 46 | 35 | |
| 74/ 73 | .3 | 3.8 | 12.4 | 6.7 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 89 | 89 | 62 | 56 |
| 72/ 71 | | 3.5 | 6.2 | 4.6 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 55 | 77 | 56 |
| 70/ 69 | | 1.1 | 7.0 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | 63 | 66 |
| 68/ 67 | | | 4.3 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | 54 | 39 |
| 66/ 65 | | | .5 | .8 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 36 | 40 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 45 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 23 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.3 | 29.3 | 116.1 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | | |

| Element (X) | Z _X | Z _X | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|----------------|----------------|-----------|------------|----------|------------------------------------|------|------|------|------|-------|----|
| Rel. Hum. | 2724270 | 31746 | 85.3 | 6.381 | 372 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | |
| Dry Bulb | 2021014 | 27396 | 73.6 | 3.041 | 372 | | | 91.5 | 64.5 | 1.2 | | 93 |
| Wet Bulb | 1854850 | 26230 | 70.5 | 3.798 | 372 | | | 78.0 | 29.5 | | | 93 |
| Dew Point | 1777969 | 25669 | 69.0 | 4.433 | 372 | | | 64.2 | 24.0 | | | 93 |

DATA PROCESSING DIVISION
USAF ETAC
AIR HEATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 USON KATCHATHANI THAI/UBON RTAFB 66-69

ICT

PAGE 1 0600-0800

| | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|-------|----|-------------------------------------|-------|------|-----|-----|-----|---|-----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|----------|----------|-----------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 84/ | 83 | | | | .5 | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 82/ | 81 | | | .3 | 1.0 | | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | |
| 80/ | 79 | | | 3.0 | 3.5 | | 3.2 | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 37 | 37 | | 3 | |
| 78/ | 77 | | | 5.4 | 5.6 | | 2.2 | | .3 | | .3 | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | | 21 | |
| 76/ | 75 | 1.9 | | 8.3 | 8.9 | | 4.0 | | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | 96 | 96 | | 59 | |
| 74/ | 73 | .3 | | 5.1 | 8.9 | | 5.4 | | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | 77 | 77 | | 71 | |
| 72/ | 71 | | | 3.5 | 5.4 | | 3.5 | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | | 59 | |
| 70/ | 69 | | | .5 | 4.6 | | .8 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | | 65 | |
| 68/ | 67 | | | 1.1 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 18 | | 48 |
| 66/ | 65 | | | | .5 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | 25 |
| 64/ | 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| 62/ | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 60/ | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 58/ | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/ | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 2.227 | 2.243 | 5.21 | .8 | 5.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | | 372 |

| Element | X ₁ | Z _X | Z _X | X̄ | S _X | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-----------|----------------|----------------|----------------|-------|----------------|----------|------------------------------------|------|------|------|------|------|-------|
| Rel. Hum. | 2651177 | 31285 | 84.1 | 7.365 | 372 | | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | Total |
| Dry Bulb | 2076980 | 27766 | 74.6 | 3.499 | 372 | | | | 91.7 | 69.5 | 7.2 | | 93 |
| Wet Bulb | 1889089 | 26471 | 71.2 | 3.833 | 372 | | | | 81.5 | 38.5 | | | 93 |
| Dew Point | 1803862 | 25852 | 69.5 | 4.432 | 372 | | | | 67.0 | 27.0 | | | 93 |

USAF ETAC 0 26 5 001

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UBBN KATCHATHANI THAI/UBBN RTAFB 06-69

007

PAGE 1 0900-1100

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-----------|-------------------------------------|-----|------|------|------|------|-----|-----|-----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 94/ 93 | | | | | | | | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 92/ 91 | | | | | | | | | | | | | .5 | .5 | | | | | | | | | | | | | | | | | | | | 4 | 4 | | | |
| 90/ 89 | | | | | | | | | | | | .8 | 2.2 | | | | | | | | | | | | | | | | | | | | 11 | 11 | | | | |
| 88/ 87 | | | | | | | .5 | 2.7 | 2.7 | | .8 | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | | | | |
| 86/ 85 | | | | | | .8 | 4.8 | 3.8 | | .3 | .5 | | | | | | | .3 | | | | | | | | | | | | | | | 39 | 39 | | | | |
| 84/ 83 | | | | .6 | 5.6 | 4.6 | 5.1 | 4.6 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | 62 | 52 | 1 | | | |
| 82/ 81 | | | 1.6 | 6.5 | 4.0 | 5.1 | 3.5 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | 81 | 81 | 10 | | | |
| 80/ 79 | | .5 | 1.6 | 4.8 | 3.5 | 4.0 | .8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 60 | 33 | 10 | | |
| 78/ 77 | | .5 | 1.6 | 2.2 | 3.2 | 2.4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | 67 | 22 | | |
| 76/ 75 | | .5 | .8 | 1.3 | 1.6 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 68 | 56 | | |
| 74/ 73 | | .3 | .5 | | .5 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 57 | 70 | |
| 72/ 71 | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 59 | 44 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | 34 | |
| 68/ 67 | | | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 20 | 52 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 30 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 39 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | 2.7 | 7.3 | 21.8 | 25.3 | 27.4 | 11.0 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | | |

| Element | X | Σ X | Σ X ² | X̄ | S _x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-----------|---|---------|------------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|----|
| Re. Hum. | | 1405697 | 25688 | 69.1 | 9.258 | 372 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Dry Bulb | | 2498034 | 30450 | 81.9 | 3.869 | 372 | | | 93.0 | 92.0 | 70.0 | .2 | 93 |
| Wet Bulb | | 2039955 | 27511 | 74.0 | 3.815 | 372 | | | 90.7 | 59.0 | 5.0 | | 93 |
| Dew Point | | 1858438 | 26234 | 70.5 | 4.752 | 372 | | | 72.0 | 39.5 | .3 | | 93 |

PSYCHROMETRIC SUMMARY

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11. 6. 1944

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|-------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|----------|----------|-----------|-----|-----|--|
| F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 57 | 57 | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 57 | 80 | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 98 | 98 | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 14 | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 56 | 5 | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 84 | 20 | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 70 | 63 | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 67 | 63 | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 43 | 50 | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 51 | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 3 | 9 | 44 | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 35 | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 21 | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | |

| Element | X | Σ X | Σ X | X̄ | s ² | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|---------|-------|------|-------|----------------|----------|------------------------------------|------|------|------|------|-------|
| Rel. Hum. | 1411294 | 22636 | 60.8 | 9.560 | 372 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | |
| Dry Bulb | 2756861 | 21991 | 86.0 | 3.927 | 372 | | | 93.0 | 91.7 | 89.2 | 3.7 | 93 |
| Wet Bulb | 2109790 | 27964 | 75.2 | 3.548 | 372 | | | 91.7 | 72.7 | 10.2 | | 93 |
| Dew Point | 1864901 | 26281 | 70.6 | 4.703 | 372 | | | 74.0 | 37.7 | | | 93 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 JOHN RAICHATHANI THAI/USAF ETAFB 66-69

10T

PAGE 1 1500-1700

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------------------------------|--|--|--|--|--|--|--|--|-----|-----|-----|-----|-----|-----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|----------|----------|-----------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 95 | | | | | | | | | | | | 1.3 | 1.9 | .3 | | | | | | | | | | | | | | | | | | 13 | 13 | | |
| 72/ 91 | | | | | | | | | | | | .3 | 2.4 | 4.6 | | | | | | | | | | | | | | | | | | 25 | 25 | | |
| 90/ 89 | | | | | | | | | | | | 1.9 | 5.9 | 4.6 | .5 | | | | | | | | | | | | | | | | 48 | 48 | | | |
| 88/ 87 | | | | | | | | | 1.1 | 5.1 | 7.0 | 4.0 | 3.2 | 1.3 | | | | | | | | | | | | | | | | | | 81 | 81 | | |
| 86/ 84 | | | | | | | | | 1.9 | 3.8 | 4.6 | 4.6 | 2.2 | 1.3 | | | | | | | | | | | | | | | | | | 68 | 68 | | |
| 84/ 83 | | | | | | | | | 1.9 | 1.6 | 4.6 | 5.1 | 3.0 | 1.1 | .3 | | | | | | | | | | | | | | | | | 65 | 65 | | |
| 82/ 81 | | | | | | | | | .5 | 2.7 | .3 | 1.1 | 1.6 | .8 | | | | | | | | | | | | | | | | | | 26 | 26 | | |
| 80/ 79 | | | | | | | | | .3 | 2.2 | 1.6 | 1.1 | 1.1 | | | | | | | | | | | | | | | | | | | 26 | 26 | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 94 | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | | |

| Element | X | ΣX | ΣX ² | ΣX ³ | No. Obs. | Mean No. of Hours with Temperature | | | | Total | | |
|-----------|---------|-------|-----------------|-----------------|----------|------------------------------------|------|------|------|-------|------|----|
| Rel. Hum. | 1399741 | 22487 | 60.410 | 439 | 372 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | |
| Dry Bulb | 2731437 | 31839 | 85.6 | 4.146 | 372 | | | 93.0 | 92.2 | 86.2 | 3.2 | 93 |
| Wet Bulb | 2081000 | 27794 | 74.7 | 3.432 | 372 | | | 92.2 | 67.7 | 6.0 | | 93 |
| Dew Point | 1829860 | 26034 | 70.0 | 4.614 | 372 | | | 70.0 | 33.5 | | | 93 |

PSYCHROMETRIC SUMMARY

100

PAGE 1 1800-2000

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-------------------------------------|---|---|-----|-----|-----|-------|------|------|------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 90/ 89 | | | | | | | | .3 | .5 | .3 | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 88/ 87 | | | | | | .4 | .4 | 1.9 | .3 | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | | | |
| 86/ 85 | | | | | 1.9 | 5.8 | 3.0 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | 37 | 37 | | | |
| 84/ 83 | | | | 1.9 | 5.9 | 3.8 | 2.7 | 1.3 | .8 | | | | | | | | | | | | | | | | | | | | | | | | 61 | 61 | | | |
| 82/ 81 | | | | 2.4 | 7.8 | 4.3 | 4.0 | 1.3 | .5 | | | | | | | | | | | | | | | | | | | | | | | | 76 | 76 | | | |
| 80/ 79 | | | 1.9 | 4.3 | 6.2 | 6.5 | 4.8 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | 96 | 96 | 24 | 2 | |
| 78/ 77 | | | 2.0 | 2.2 | 2.2 | 5.1 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | 75 | 28 | |
| 76/ 75 | | | 1.1 | .8 | 1.3 | .5 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 72 | 61 | |
| 74/ 73 | | | .3 | .3 | | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 67 | 64 | |
| 72/ 71 | | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 55 | 43 | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 55 | 55 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 45 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 60 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | | | | | 7.012 | 4.25 | 8.25 | 5.21 | 1.5 | 6.5 | 1.3 | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | |

| Element | X | Σ X | Σ X ² | X̄ | S ² | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|-----------|---------|-------|------------------|-------|----------------|----------|------------------------------------|------|------|------|------|-------|
| Rel. Hum. | 1984500 | 26920 | 72.4 | 9.908 | 372 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | Total |
| Dry Bulb | 2429296 | 30036 | 80.7 | 3.337 | 372 | | | 93.0 | 91.7 | 59.0 | | 93 |
| Wet Bulb | 2032755 | 27469 | 73.8 | 3.446 | 372 | | | 91.5 | 60.2 | 4.0 | | 93 |
| Dew Point | 1873746 | 26350 | 70.8 | 4.432 | 372 | | | 74.5 | 38.7 | | | 93 |

PSYCHROMETRIC SUMMARY

136

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|-------------------------------------|---|---|-----|------|--------|---------|-----|-----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|-----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 86/ 85 | | | | | | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 2 | | | | |
| 84/ 83 | | | | | 1.1 | 1.3 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | | | |
| 82/ 81 | | | | .5 | 5.9 | 4.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | | | | |
| 80/ 79 | | | 1.9 | 7.5 | 7.5 | 2.4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 | 14 | 1 | | |
| 78/ 77 | | | 4.8 | 10.2 | 8.9 | 3.1 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 125 | 125 | 35 | 25 | | |
| 76/ 75 | | | 2.4 | 4.5 | 5.6 | 3.3 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 79 | 78 | 77 | 48 | | |
| 74/ 73 | | | .3 | .5 | 3.8 | 3.0 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 79 | 79 | 68 | 68 | |
| 72/ 71 | | | .8 | .5 | | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 55 | 52 | |
| 70/ 69 | | | .8 | | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 72 | 39 | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | 46 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | |
| TOTAL | | | | | 11.329 | 532.323 | 7 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 372 | 372 | 372 | |

| Expt. No. | Σx | Σx^2 | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|----|-------|
| | | | | | | - 67 F | - 73 F | - 80 F | - 93 F | | |
| Rel. Hum. | 2113095 | 29174 | 78.4 | 8.224 | 372 | | | | | | |
| Dry Bulb | 2242311 | 28853 | 77.6 | 2.780 | 372 | 93.0 | 90.0 | 23.0 | | 93 | |
| Wet Bulb | 1861947 | 26983 | 72.5 | 3.573 | 372 | 89.7 | 48.5 | .7 | | 93 | |
| Dew Point | 1643915 | 26137 | 70.3 | 4.499 | 372 | 69.7 | 35.5 | | | 93 | |

PSYCHROMETRIC SUMMARY

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PAGE 1 0000-0200

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|-------------------------------------|---|-----|------|------|------|-----|-----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|----------|----------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 80/ 79 | | | | .4 | .6 | | | | | .5 | | | | | | | | | | | | | | | | | | | | | | 2 | 5 | | | |
| 78/ 77 | | 1.1 | 1.4 | 2.2 | .6 | .3 | | | | .3 | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | | | |
| 76/ 75 | | 1.9 | 4.4 | 6.4 | 2.8 | 1.1 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | 9 | 5 | |
| 74/ 73 | | 1.1 | 6.1 | 7.8 | 3.9 | 3.1 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | | | 91 | 91 | 14 | 8 | |
| 72/ 71 | | 1.1 | 4.2 | 4.7 | 5.0 | 1.7 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | 83 | 83 | 45 | 14 | |
| 70/ 69 | | 1.1 | 7.6 | 7.5 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 67 | 60 | 49 | 41 | |
| 68/ 67 | | .3 | 2.2 | 1.4 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | 75 | 40 | |
| 66/ 65 | | | | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 77 | 58 | |
| 64/ 63 | | | .3 | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 55 | 57 | |
| 62/ 61 | | | .3 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 19 | 60 | |
| 60/ 59 | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 9 | 25 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 10 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 22 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | |
| TOTAL | | 6.7 | 27.6 | 38.6 | 14.2 | 6.7 | 5.8 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | | |

| Element X | ΣX | ΣX^2 | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-----------|------------|--------------|-----------|------------|----------|------------------------------------|------|------|------|------|------|-------|
| | | | | | | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | Total |
| Rel. Hum. | 2058320 | 26976 | 74.910 | 142 | 360 | | | | | | | |
| Dry Bulb | 1889917 | 26037 | 72.4 | 3.293 | 360 | | | 85.8 | 45.5 | .5 | | 90 |
| Wet Bulb | 1614442 | 24068 | 66.9 | 3.863 | 360 | | | 47.8 | 3.8 | | | 90 |
| Dew Point | 1474480 | 22966 | 63.8 | 3.111 | 360 | | | 27.0 | 3.3 | | | 90 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UDORN RAICHATHANI TRAI/UDORN RTAFH 66-62

DAY

PAGE 1 0300-0500

| Time | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------|----|-------------------------------------|-------|------|-----|-----|-----|---|---|---|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|
| F | D | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 78/ | 77 | 1.7 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | | |
| 76/ | 75 | .3 | 2.8 | .9 | | | | | | | | | .3 | | | | | | | | | | | | | | | | | | | 14 | 14 | 6 | 5 | |
| 74/ | 73 | 3.1 | 7.8 | 5.3 | 1.4 | | | | | | | 1.1 | | | | | | | | | | | | | | | | | | | | 67 | 67 | 5 | 2 | |
| 72/ | 71 | 1.7 | 6.4 | 6.7 | 4.4 | 1.7 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 80 | 29 | 13 | |
| 70/ | 69 | 1.4 | 1.4 | 6.7 | 4.4 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | 88 | 88 | 42 | 29 | |
| 68/ | 67 | 4.2 | 10.3 | 3.1 | .8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 68 | 56 | 35 | |
| 66/ | 65 | .6 | 4.9 | .8 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | 91 | 53 | |
| 64/ | 63 | .3 | .8 | .3 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 73 | 76 | |
| 62/ | 61 | | .6 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 24 | 55 | |
| 60/ | 59 | | | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 12 | 29 | |
| 58/ | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| 56/ | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 22 |
| 54/ | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 12 | |
| 52/ | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | |
| 50/ | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | | 13.144 | 425.0 | 10.8 | 3.9 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | 360 |

| Element (X) | ΣX | ΣX^2 | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2256917 | 28279 | 78.6 | 9.947 | 360 | < 0 F | > 32 F | < 67 F | > 73 F | < 80 F | > 93 F | Total |
| Dry Bulb | 1776732 | 25266 | 70.2 | 3.113 | 360 | | | 81.3 | 22.3 | | | 90 |
| Wet Bulb | 1557002 | 23636 | 65.7 | 3.794 | 360 | | | 34.5 | 2.8 | | | 90 |
| Dew Point | 1440944 | 22704 | 63.1 | 5.029 | 360 | | | 21.0 | 1.8 | | | 90 |

FORM 0265-001

0265-001

0265-001

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

41017 URON RATCHATHANI THAI/URON RTAF 66-69

NOV

PAGE 1 0400-0800

| Temp | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-------|----|-------------------------------------|------|------|------|------|-----|-----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-------|----------|----------|-----------|----|
| F | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 82/ | 81 | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | |
| 80/ | 79 | | | .3 | .3 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 1 | | | | |
| 78/ | 77 | | | .3 | .3 | 1.7 | .3 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 1 | 1 | | | |
| 76/ | 75 | .0 | .8 | 4.5 | 2.5 | 2.2 | .3 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 45 | 6 | 5 | | | |
| 74/ | 73 | | 1.4 | 4.2 | 4.5 | 3.9 | .8 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | 9 | 3 | | | |
| 72/ | 71 | | 3.3 | 6.7 | 6.4 | 3.6 | 1.4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 78 | 78 | 35 | 14 | | | |
| 70/ | 69 | | 1.1 | 8.1 | 5.6 | 2.5 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | 67 | 67 | 37 | 30 | | | |
| 68/ | 67 | .4 | 3.1 | 9.2 | 2.5 | 1.9 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 65 | 65 | 38 | | | |
| 66/ | 65 | | .8 | 2.8 | .6 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 89 | 50 | | |
| 64/ | 63 | | .3 | .6 | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 62 | 82 | | |
| 62/ | 61 | | | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 30 | 56 | |
| 60/ | 59 | | | | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 15 | 16 | |
| 58/ | 57 | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 5 | 20 | |
| 56/ | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 22 | |
| 54/ | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 52/ | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| 50/ | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | | 1.1 | 11.7 | 37.4 | 25.1 | 15.9 | 5.6 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | | | | 359 | 359 | 359 | | | |

| Element (X) | ΣX | ΣX^2 | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|------------|--------------|------------|------------|----------|------------------------------------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2183380 | 27734 | 77.310.680 | 359 | - 0 F | - 32 F | - 67 F | - 73 F | - 80 F | - 93 F | 90 |
| Dry Bulb | 1815978 | 25500 | 71.0 3.622 | 359 | | | 83.0 | 30.3 | .2 | | 90 |
| Wet Bulb | 1574958 | 23738 | 66.1 3.862 | 359 | | | 38.6 | 4.3 | | | 90 |
| Dew Point | 1450104 | 22746 | 63.4 4.995 | 359 | | | 22.8 | 2.3 | | | 90 |

FORM 10-1 (10-10-66) (4-10-67)

3-26-5-000

UNAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UBON RATCHATHANI THAI/UBON RTAFB 66-69

NDIV

PAGE 1 0900-1100
HOURS S. Y.

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-----------|-------------------------------------|---|---|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 90/ 89 | | | | | | | | | | | 1.1 | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 88/ 87 | | | | | | | | | | | .8 | .8 | .9 | .9 | | | | | | | | | | | | | | | | | | | 10 | 10 | | | |
| 86/ 85 | | | | | | | | | | | 1.1 | 1.9 | 3.3 | 1.4 | .9 | .8 | | | | | | | | | | | | | | | | | 53 | 33 | | | |
| 84/ 83 | | | | | | | .3 | 1.4 | 2.8 | 4.2 | 3.6 | 3.6 | 1.4 | | | | | | | | | | | | | | | | | | | | 64 | 64 | | | |
| 82/ 81 | | | | .3 | .6 | 1.9 | 5.3 | 4.2 | 4.2 | | .8 | .8 | | | | | | | | | | | | | | | | | | | | | 64 | 64 | | | |
| 80/ 79 | | | | | 1.9 | 3.6 | 7.2 | 3.6 | 1.7 | | .9 | | | | | | | | | | | | | | | | | | | | | | 67 | 67 | 7 | | |
| 78/ 77 | | | | | 1.4 | 4.2 | 5.6 | 3.9 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | 62 | 62 | 7 | 5 | |
| 76/ 75 | | | | .3 | .8 | 3.1 | 3.1 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 25 | 5 | |
| 74/ 73 | | | | .4 | .8 | 1.4 | .8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 50 | 9 | |
| 72/ 71 | | | | .3 | .3 | .3 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 46 | 21 | |
| 70/ 69 | | | | | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 3 | 93 | 45 | |
| 68/ 67 | | | | | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 72 | 50 | |
| 66/ 65 | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 37 | 39 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 69 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 41 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 28 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | | | | 1.1 | 6.4 | 18.1 | 29.2 | 22.8 | 13.1 | 6.1 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--|-------|
| Rel. Hum. | 1306257 | 21415 | 59.5 | 9.494 | 360 | < 67 F | < 73 F | < 80 F | < 93 F | | 90 |
| Dry Bulb | 2325209 | 28897 | 80.3 | 3.970 | 360 | 89.8 | 87.3 | 54.5 | | | 90 |
| Wet Bulb | 1762137 | 25151 | 69.9 | 3.728 | 360 | 75.5 | 22.3 | .8 | | | 90 |
| Dew Point | 1510373 | 23245 | 64.6 | 5.132 | 360 | 33.8 | 4.8 | | | | 90 |

FORM 10-64 0 26 5 (OU)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UDON RATCHATHANI THAI/UDON RTAFB 66-69

YUV

PAGE 1 1200-1400

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-----------|-------------------------------------|---|---|----|----|----|-----|------|------|------|------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 94/ 93 | | | | | | | | | | | | | | | 1.1 | .4 | | | | | | | | | | | | | | | | | | 9 | 5 | | |
| 92/ 91 | | | | | | | | | | | | .6 | .3 | .8 | 1.1 | | | | | | | | | | | | | | | | | | 10 | 10 | | | |
| 90/ 89 | | | | | | | | | | .3 | 2.2 | 3.3 | 1.7 | 1.1 | .8 | 1.4 | | | | | | | | | | | | | | | | | 46 | 46 | | | |
| 88/ 87 | | | | | | | | | | .3 | 1.9 | 8.1 | 3.9 | 3.1 | 6.4 | 1.9 | | | | | | | | | | | | | | | | | 92 | 92 | | | |
| 86/ 85 | | | | | | | | | .3 | 1.1 | 5.6 | 9.4 | 4.2 | 5.8 | .6 | | | | | | | | | | | | | | | | | | 96 | 96 | | | |
| 84/ 83 | | | | | .4 | | | | | 1.4 | 3.0 | 6.9 | 3.9 | | | | | | | | | | | | | | | | | | | | 63 | 63 | | | |
| 82/ 81 | | | | | | | | | .3 | 2.3 | 3.1 | .4 | | | | | | | | | | | | | | | | | | | | | 22 | 22 | | | |
| 80/ 79 | | | | | | | | .3 | .6 | .6 | 1.1 | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | | | |
| 78/ 77 | | | | .3 | | | | | .3 | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 14 | 1 | |
| 76/ 75 | | | | | | | | .3 | | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 49 | 9 | |
| 74/ 73 | | | | | .6 | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 60 | 10 | |
| 72/ 71 | | | | | | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 74 | 13 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 84 | 42 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 59 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 50 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 55 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 36 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | | .3 | .8 | .8 | 4.4 | 19.7 | 36.9 | 15.0 | 10.8 | 7.8 | 3.3 | | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 915570 | 17904 | 49.7 | 8.369 | 360 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
| Dry Bulb | 2642072 | 30815 | 85.6 | 3.500 | 360 | | | 90.0 | 69.8 | 84.3 | 1.3 | 90 |
| Wet Bulb | 1839122 | 25702 | 71.4 | 3.397 | 360 | | | 85.0 | 33.0 | 1.5 | | 90 |
| Dew Point | 1400872 | 23172 | 64.4 | 3.108 | 360 | | | 33.5 | 5.0 | | | 90 |

PSYCHROMETRIC SUMMARY (FORM 1-64) (REPLACES FORM 1-64)

0-26 5 (OU)

304 54

USAF ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

41017 UDON KATCHATHANI THAI/UDON RTAFB 66-69

NDV

PAGE 1 1900-1700

| Temp.
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------|------|----------|----------|-----------|----|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | .3 | .6 | 1.0 | 1.7 | .3 | | | | | | 17 | | 17 | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | .6 | 1.0 | 3.0 | .3 | 2.8 | 1.7 | | | | | 46 | | 46 | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | .6 | 1.4 | 4.7 | 6.1 | 2.8 | 6.7 | 1.1 | .3 | | | | 85 | | 85 | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | .6 | 2.8 | 5.6 | 5.8 | 2.8 | .3 | | | | | | 64 | | 64 | | | | | | | | | | | | | | | |
| 84/ 83 | | | | .3 | | .6 | 1.7 | 5.6 | 8.6 | 3.1 | 1.7 | .3 | | | | | | 78 | | 78 | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | .3 | .8 | 2.5 | 3.1 | .6 | .3 | | | | | | | 27 | | 27 | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | .6 | 1.1 | 1.4 | .3 | | | | | | | | | 12 | | 12 | | 2 | | | | | | | | | | | | | |
| 78/ 77 | | | .4 | .6 | .6 | | .6 | .8 | 1.7 | | | | | | | | | 16 | | 16 | | 11 | | | | | | | | | | | | | |
| 76/ 75 | | | | .6 | | | | .8 | .3 | | | | | | | | | 6 | | 6 | | 34 | | | | | | | | | | | | | |
| 74/ 73 | | | | .3 | .3 | .6 | .3 | .6 | | | | | | | | | | 7 | | 7 | | 61 | | | | | | | | | | | | | |
| 72/ 71 | | | .4 | | | | .3 | | | | | | | | | | | 2 | | 2 | | 87 | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | 87 | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | 36 | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | 22 | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| TOTAL | | .6 | 1.4 | 1.1 | 1.7 | 5.8 | 16.7 | 28.6 | 21.1 | 9.4 | 10.3 | 2.8 | .3 | | | | | 360 | | 360 | | 360 | | | | | | | | | | | | | |

| Element (X) | ΣX | ΣX^2 | \bar{X} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | Total |
|-------------|------------|--------------|-----------|-------|----------|------------------------------------|--------|--------|--------|-------|
| Rel. Hum. | 927252 | 17906 | 49.710 | 101 | 360 | < 67 F | < 73 F | < 80 F | < 93 F | |
| Dry Bulb | 2606903 | 30601 | 83.0 | 3.996 | 360 | 90.0 | 89.5 | 81.3 | | 90 |
| Wet Bulb | 1809743 | 25499 | 70.8 | 3.182 | 360 | 83.0 | 27.0 | .3 | | 90 |
| Dew Point | 1466961 | 22911 | 63.6 | 4.970 | 360 | 27.3 | 2.8 | | | 90 |

USAF ETAC FORM 0-26-5 (OU) JUL 64

PSYCHROMETRIC SUMMARY

2514

PAGE 1 1500-2000
HOURS : S. T.

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | | |
|-----------|-------------------------------------|----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 88/ 87 | | | | | | | | | | | .3 | | | 1.1 | | | | | | | | | | | | | | | | | | | | 5 | 5 | | | |
| 86/ 85 | | | | | | | | .6 | 1.1 | 1.7 | 1.4 | | | .8 | 1.1 | | | | | | | | | | | | | | | | | | 22 | 22 | | | | |
| 84/ 83 | | | | | | .3 | 1.1 | 2.8 | 1.7 | 1.4 | 1.7 | 1.1 | | | | | | | | | | | | | | | | | | | | | 36 | 36 | | | | |
| 82/ 81 | | | | | 1.9 | 3.3 | 5.6 | 5.0 | 4.4 | 1.7 | .3 | | | | | | | | | | | | | | | | | | | | | | 80 | 80 | | | | |
| 80/ 79 | | | | .3 | 1.1 | 5.6 | 6.1 | 3.6 | 3.6 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | 77 | 77 | | | | |
| 78/ 77 | | .3 | .3 | 1.4 | 6.4 | 7.8 | 1.1 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 65 | 6 | | | |
| 76/ 75 | | .3 | 1.9 | 1.1 | 3.9 | 3.9 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | 21 | 4 | | |
| 74/ 73 | | .3 | .6 | | 1.9 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 46 | 15 | | |
| 72/ 71 | | | | | .8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 62 | 17 | | |
| 70/ 69 | | | | | | .8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 83 | 49 | |
| 68/ 67 | | | | | | .3 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 76 | 47 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 52 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 58 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 43 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 18 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 28 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | | | | | 1.1 | 3.1 | 6.7 | 24.4 | 31.4 | 13.9 | 11.7 | 5.3 | 2.5 | | | | | | | | | | | | | | | | | | | | | 360 | 360 | | 360 |

| Element (X) | Σx | Σx^2 | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum | 1397716 | 22104 | 61.4 | 10.625 | 360 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Dry Bulb | 2262594 | 28508 | 79.2 | 3.761 | 360 | | | 90.0 | 83.3 | 44.3 | | 90 |
| Wet Bulb | 1740886 | 25002 | 69.5 | 3.539 | 360 | | | 73.5 | 18.3 | | | 90 |
| Dew Point | 1503598 | 23194 | 64.4 | 5.079 | 360 | | | 33.0 | 4.8 | | | 90 |

PSYCHROMETRIC SUMMARY

41017 URG: RATCHATHANI TRAI/UBEN RTAFB 66-60

235

PAGE 1 2100-2300

| Temp
F | 0 | 1-2 | 3-4 | 5-6 | 7 | 8 | 9-10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL
D.B. W.B. | Dry Bulb | Wet Bulb | Dew Pt. |
|-----------|---|-----|-----|------|------|------|------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|----------|----------|---------|
| 82/ 81 | | | .3 | 1.1 | .8 | 1.4 | .3 | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | |
| 80/ 79 | | | .9 | 3.3 | 2.5 | 1.9 | .8 | 1.9 | .2 | | | | | | | | | | | | | | | | | | | 41 | 41 | | | |
| 78/ 77 | | .3 | .8 | 6.9 | 3.9 | 3.9 | 2.8 | 3.1 | .6 | | | | | | | | | | | | | | | | | | | 60 | 60 | 3 | | |
| 76/ 75 | | .6 | 2.5 | 4.2 | 11.9 | 3.6 | 2.2 | 1.1 | | | | | | | | | | | | | | | | | | | | 74 | 74 | 11 | 4 | |
| 74/ 73 | | .6 | .7 | 7.5 | 7.2 | 1.9 | .3 | | | | | | | | | | | | | | | | | | | | | 69 | 69 | 21 | 12 | |
| 72/ 71 | | | .6 | 4.2 | 3.6 | .3 | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 57 | 16 | |
| 70/ 69 | | .3 | 2.2 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | 56 | 44 | |
| 68/ 67 | | | .3 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 85 | 31 | |
| 66/ 65 | | | | 1.1 | .8 | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 64 | 49 | |
| 64/ 63 | | | .6 | .6 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 38 | 68 | |
| 62/ 61 | | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 9 | 44 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 34 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 14 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 27 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | 1.4 | 6.9 | 31.9 | 33.6 | 13.1 | 6.4 | 5.6 | 1.1 | | | | | | | | | | | | | | | | | | | | 360 | 360 | 360 | 360 |

| Element - X | Σ x | Σ x | ̄x | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|------|----------------|----------|------------------------------------|------|------|------|------|------|-------|
| Rel. Hum. | 1718579 | 24607 | 68.4 | 10.100 | 360 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | 90 |
| Dry Bulb | 2037124 | 27050 | 75.1 | 3.586 | 360 | | | 86.8 | 74.5 | 8.0 | | 90 |
| Wet Bulb | 1658401 | 24395 | 67.8 | 3.843 | 360 | | | 58.3 | 8.8 | | | 90 |
| Dew Point | 1472556 | 22946 | 63.7 | 5.279 | 360 | | | 26.8 | 4.0 | | | 90 |

PSYCHROMETRIC SUMMARY

61017 JOHN RATCHATHANI THAI/URON RTAFB 65-69

336

Page 1 0000-0200

1992

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | |
|-----------|-------------------------------------|---|-----|-------|------|-------|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | .4 | .2 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | | |
| 78/ 77 | | | .2 | 1.7 | 1.5 | 1.1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | | | |
| 76/ 75 | | | 1.3 | 2.6 | 3.2 | 1.9 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | 11 | 1 | |
| 74/ 73 | | | 1.1 | 4.7 | 5.4 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 66 | 66 | 7 | 17 | |
| 72/ 71 | | | .9 | 5.4 | 5.8 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 | 75 | 32 | 2 | |
| 70/ 69 | | | .4 | 5.0 | 3.4 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | 63 | 21 | |
| 68/ 67 | | | .2 | 5.6 | 6.7 | 1.5 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 66 | 66 | 68 | 54 | |
| 66/ 65 | | | .2 | 6.7 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | 50 | 62 | |
| 64/ 63 | | | | 3.4 | 1.9 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 29 | 56 | 55 | |
| 62/ 61 | | | .2 | 2.8 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 73 | 51 | |
| 60/ 59 | | | .4 | 1.9 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 35 | 54 | |
| 58/ 57 | | | .2 | .4 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 28 | 61 | |
| 56/ 55 | | | | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 26 | 27 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 25 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 23 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | | | | 5.461 | 7.39 | 413.1 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 464 | 464 | 464 | |

| Element | X | Σ X | Σ X | X̄ | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-----------|---------|-------|------|-------|----------------|----------|------------------------------------|------|------|------|------|----|-------|
| Rel. Hum. | 2753723 | 35611 | 76.7 | 6.679 | 464 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | | |
| Dry Bulb | 2232393 | 32095 | 69.2 | 5.170 | 464 | | | 65.1 | 27.5 | .2 | | 93 | |
| Wet Bulb | 1934189 | 29861 | 64.4 | 5.189 | 464 | | | 36.3 | 3.6 | | | 93 | |
| Dew Point | 1770926 | 28540 | 61.5 | 5.780 | 464 | | | 19.0 | 3.6 | | | 93 | |

DATA PROCESSING DIVISION
 USAF ETAG
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UBBN KATCHATHA THAI/UBBN RTAFB 65-69

DEC

PAGE 1 0300-0500

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | | | |
|-------------------------------------|---|---|--------|-------|-----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|-----------|----------|----------|-----------|-----|----|
| F | W | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 78/ 77 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | |
| 76/ 75 | | | 2.6 | 1.3 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 3 | 1 | | |
| 74/ 73 | | | 1.3 | 3.2 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 14 | 14 | | |
| 72/ 71 | | | 2.6 | 0.8 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 63 | 68 | 11 | 3 | | |
| 70/ 69 | | | 3.4 | 10.5 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 | 75 | 37 | 19 | | |
| 68/ 67 | | | 1.9 | 6.1 | 1.9 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | 76 | 41 | | |
| 66/ 65 | | | 2.2 | 8.6 | 2.2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 61 | 61 | 60 | 59 | | |
| 64/ 63 | | | 2.6 | 9.7 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 66 | 66 | 57 | 63 | | |
| 62/ 61 | | | 1.9 | 4.1 | 1.3 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 37 | 37 | 63 | 48 | | |
| 60/ 59 | | | 1.3 | 3.7 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | 29 | 59 | 70 | | |
| 58/ 57 | | | 1.3 | 3.0 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 32 | 55 | |
| 56/ 55 | | | | 1.1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 20 | 27 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 26 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 18 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 15 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | | | 20.650 | 410.0 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 465 | 465 | 465 | 465 | |

| Element (X) | Σx | Σx^2 | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|----|
| Rel. Hum. | 3153769 | 38171 | 82.1 | 6.628 | 465 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Dry Bulb | 2083554 | 31042 | 66.8 | 4.931 | 465 | | | 48.6 | 10.4 | | | 93 |
| Wet Bulb | 1971869 | 29409 | 63.2 | 5.168 | 465 | | | 28.2 | 3.4 | | | 93 |
| Dew Point | 1750935 | 28407 | 61.1 | 5.788 | 465 | | | 15.6 | 3.0 | | | 93 |

DATA PROCESSING DIVISION
USAF ETA
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

41017 N RAICHATHANI THAI/US IN TAFB 65-67

SEC

PAGE 1 0600-0800

| T.
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|---------|-------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 60/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 5 | 1 | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | 10 | 13 | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | 17 | 4 | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 82 | 82 | 44 | 15 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | 70 | 51 | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | 61 | 60 | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 52 | 52 | 60 | 68 | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 67 | 45 | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 55 | 59 | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 28 | 56 | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 26 | 27 | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 17 | 25 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 24 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 12 | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 465 | 465 | 465 |

| Element | X | ΣX | ΣX^2 | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-----------|---|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Temp | H | 3123783 | 37959 | 61.6 | 7.356 | 465 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
| Dry Bulb | | 2101287 | 31171 | 67.0 | 5.034 | 465 | | | 52.6 | 12.6 | 9.2 | | 93 |
| Wet Bulb | | 1582369 | 29489 | 63.4 | 5.140 | 465 | | | 28.4 | 3.2 | | | 93 |
| Dew Point | | 1755954 | 28450 | 61.2 | 5.742 | 465 | | | 16.8 | 2.8 | | | 43 |

PSYCHROMETRIC SUMMARY

216

PAGE 1 0700-1100

[illegible]

PSYCHROMETRIC SUMMARY

07-1 1 1200-1400

[illegible]

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
UBON RTAFB, UBON RATCHATHANI, THAILAND, REVISED UNIFORM SUMMARY--ETC
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USAFETAC/OS-81/021

SBIE-AD-E850 028

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UBON RATCHATHANI THAI/UBON RTAFB 65-69

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1900-1700

HOURS (L, S, T)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|----------|----------|-----------|--|--|--|--|--|----|----|----|----|-------|--|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | .4 | 1.1 | | | | | | | | | 7 | | | | | | | | | | | | | | 7 | | | | | | | | |
| 92/ 91 | | | | | | | .9 | 1.9 | 3.4 | 1.9 | | | | | | | | 38 | | | | | | | | | | | | | 38 | | | | | | | | | |
| 90/ 89 | | | | | | | .4 | 4.5 | 4.9 | 3.0 | 1.9 | .6 | | | | | | 72 | | | | | | | | | | | | | 72 | | | | | | | | | |
| 88/ 87 | | | | .2 | .2 | .2 | 1.3 | 3.9 | 4.1 | 4.9 | 2.6 | .2 | | | | | | 82 | | | | | | | | | | | | | 82 | | | | | | | | | |
| 86/ 85 | | | .2 | .2 | .2 | .9 | .9 | 1.1 | 2.4 | 3.4 | .9 | .2 | | | | | | 47 | | | | | | | | | | | | | 47 | | | | | | | | | |
| 84/ 83 | | | .2 | .2 | .4 | .6 | .6 | 2.4 | 2.6 | 3.7 | 1.3 | | | | | | | 56 | | | | | | | | | | | | | 56 | | | | | | | | | |
| 82/ 81 | | | | | | .6 | 1.1 | 5.6 | 2.4 | 1.5 | | | | | | | | 52 | | | | | | | | | | | 3 | | 52 | 1 | | | | | | | | |
| 80/ 79 | | | | | | .6 | 2.2 | 3.2 | 3.7 | .2 | | | | | | | | 46 | | | | | | | | | | 10 | | 46 | 2 | | | | | | | | | |
| 78/ 77 | | | | | | .9 | 2.2 | 2.6 | .9 | | | | | | | | | 30 | | | | | | | | | | | 22 | | 30 | 3 | | | | | | | | |
| 76/ 75 | | | | .2 | | .6 | 1.5 | 1.3 | .4 | | | | | | | | | 19 | | | | | | | | | | | 63 | | 19 | | | | | | | | | |
| 74/ 73 | | | | | | .2 | 1.3 | .9 | | | | | | | | | | 11 | | | | | | | | | | | 44 | | 12 | | | | | | | | | |
| 72/ 71 | | | | | | .2 | .2 | .2 | | | | | | | | | | 3 | | | | | | | | | | | 44 | | 18 | | | | | | | | | |
| 70/ 69 | | | | | | .2 | .2 | | | | | | | | | | | 2 | | | | | | | | | | | 75 | | 40 | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 76 | | 51 | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 58 | | 25 | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | | 48 | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | | 56 | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | | 65 | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 46 | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | |
| TOTAL | | | .4 | .6 | .9 | 5.2 | 12.7 | 25.0 | 24.7 | 19.4 | 6.7 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 465 | | | | | | | | | | | | | | | | | | | | | | |
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| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|
| Rel. Hum. | 1074414 | 22030 | 47.4 | 8.136 | 465 | $\leq 0\text{ F}$ | $\leq 32\text{ F}$ | $\geq 67\text{ F}$ | $\geq 73\text{ F}$ | $\geq 80\text{ F}$ | $\geq 93\text{ F}$ | Total |
| Dry Bulb | 3325850 | 39256 | 84.4 | 5.048 | 465 | | | 93.0 | 92.0 | 76.4 | 1.4 | 93 |
| Wet Bulb | 2270764 | 32422 | 69.7 | 4.677 | 465 | | | 67.8 | 28.8 | .8 | | 93 |
| Dew Point | 1800277 | 28791 | 61.9 | 6.168 | 465 | | | 25.4 | 2.6 | .2 | | 93 |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLI) JUL 64

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS 1 - 5 - 7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | .2 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | .9 | | | | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | .2 | 1.3 | 3.7 | 3.0 | 1.7 | .4 | | | | | | | | 48 | 48 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | .2 | 1.1 | 3.2 | 2.6 | 1.5 | .4 | .4 | | | | | | | | 44 | 44 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | .4 | .9 | 2.6 | 5.4 | 2.8 | 1.5 | | | | | | | | | | 63 | 63 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | .9 | 1.5 | 2.8 | 3.7 | 2.8 | 2.2 | 1.7 | .2 | | | | | | | | 73 | 73 | 1 | | | | | | | | | | | | | | | |
| 78/ 77 | | .2 | .6 | | 1.7 | 3.4 | 3.0 | 1.3 | | | | | | | | | | 48 | 48 | 7 | 1 | | | | | | | | | | | | | | |
| 76/ 75 | | .2 | | | 2.4 | 4.5 | 4.1 | .4 | | | | | | | | | | 54 | 54 | 32 | 6 | | | | | | | | | | | | | | |
| 74/ 73 | | | | .4 | 2.8 | 3.2 | 2.6 | | | | | | | | | | | 42 | 42 | 64 | 15 | | | | | | | | | | | | | | |
| 72/ 71 | | | .2 | .2 | 1.3 | 4.3 | 1.1 | | | | | | | | | | | 33 | 33 | 51 | 22 | | | | | | | | | | | | | | |
| 70/ 69 | | | | | 1.7 | 2.6 | | | | | | | | | | | | 20 | 20 | 51 | 38 | | | | | | | | | | | | | | |
| 68/ 67 | | | .2 | | 1.7 | 2.2 | | | | | | | | | | | | 19 | 19 | 70 | 49 | | | | | | | | | | | | | | |
| 66/ 65 | | | .2 | .4 | 1.1 | .2 | | | | | | | | | | | | 9 | 9 | 57 | 35 | | | | | | | | | | | | | | |
| 64/ 63 | | | | | .6 | .4 | | | | | | | | | | | | 5 | 5 | 61 | 53 | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 36 | 60 | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 22 | 47 | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 9 | 47 | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 4 | 51 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| TOTAL | | .4 | 2.6 | 3.720 | 0.34 | 4.23 | 7.10 | 1 | 4.1 | 1.1 | | | | | | | | 465 | 465 | 465 | 465 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--|----|-------|
| Rel. Hum. | 1695395 | 27772 | 59.7 | 8.881 | 465 | < 67 F | < 73 F | < 80 F | < 93 F | | | |
| Dry Bulb | 2821707 | 36135 | 77.7 | 5.427 | 465 | 90.2 | 75.8 | 39.0 | | | 93 | |
| Wet Bulb | 2147894 | 31518 | 67.8 | 4.996 | 465 | 55.2 | 20.8 | | | | 93 | |
| Dew Point | 1824587 | 28993 | 62.4 | 6.028 | 465 | 26.2 | 4.4 | | | | 93 | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41017 UBON RATCHATHANI THAI/UBON RTAFB 65-69

DEC

PAGE 1 2100-2300

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | | |
|-------------|-------------------------------------|-----|------|------|------|-----|-----|----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|-------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 31 | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | .6 | .2 | 1.1 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | |
| 80/ 79 | | | | 1.3 | 1.1 | 3.0 | 3.0 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | | |
| 78/ 77 | | 1.1 | 1.7 | 4.3 | 5.4 | 2.2 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 72 | | |
| 76/ 75 | | .2 | 1.3 | 4.5 | 6.0 | 1.3 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | 18 | |
| 74/ 73 | | .9 | .9 | 3.0 | 6.9 | 1.7 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | 67 | 67 | 21 | |
| 72/ 71 | | | .2 | 1.5 | 7.3 | 1.7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | 55 | |
| 70/ 69 | | | .4 | 3.9 | 4.7 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | 62 |
| 68/ 67 | | | .4 | 4.1 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | 55 |
| 66/ 65 | | | | .4 | 3.0 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 26 | 51 |
| 64/ 63 | | .2 | .2 | 3.9 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 27 | 67 |
| 62/ 61 | | .2 | | 1.9 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 63 |
| 60/ 59 | | | .2 | .6 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 27 |
| 58/ 57 | | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 31 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 2.4 | 7.3 | 32.9 | 41.9 | 12.3 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 465 | 465 | |

| Element | Σ | Σ | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-----------|----------|----------|-----------|-------|----------|------------------------------------|------|------|------|------|-------|
| Rel Hum | 2266938 | 32270 | 69.4 | 7.099 | 465 | 0 F | 32 F | 47 F | 73 F | 80 F | 93 F |
| Dry Bulb | 2492002 | 33679 | 72.4 | 3.232 | 465 | | | 78.0 | 91.2 | 5.0 | 93 |
| Wet Bulb | 2017510 | 30334 | 65.7 | 5.192 | 465 | | | 42.2 | 7.0 | | 93 |
| Dew Point | 1788807 | 28707 | 61.7 | 5.972 | 465 | | | 20.8 | 4.2 | | 93 |

USAFETAC 0 26 5 (OU) 11-10-65

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

41017 UBON RATCHATHANI THAI/UBON RTAFB 65-70

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|---------------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS. (L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL | | | | | | | | | | | |
| 00-02 | MEAN | 69.2 | 71.3 | 77.2 | 78.9 | 79.2 | 78.9 | 78.0 | 77.6 | 77.0 | 75.4 | 72.4 | 69.2 | 75.1 | | | | | | | | | | | |
| | S D | 5.193 | 6.028 | 5.183 | 4.159 | 3.054 | 2.606 | 2.365 | 2.054 | 2.077 | 2.906 | 3.295 | 5.170 | 5.508 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 464 | 4652 | | | | | | | | | | | |
| 03-05 | MEAN | 66.4 | 68.5 | 74.4 | 76.7 | 77.5 | 77.6 | 76.7 | 76.5 | 75.8 | 73.6 | 70.2 | 66.8 | 73.0 | | | | | | | | | | | |
| | S D | 4.649 | 6.017 | 5.118 | 3.870 | 2.504 | 2.300 | 2.098 | 1.667 | 1.888 | 3.041 | 3.113 | 4.931 | 5.687 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 371 | 372 | 360 | 372 | 360 | 465 | 4652 | | | | | | | | | | | |
| 06-08 | MEAN | 66.3 | 68.5 | 74.8 | 77.5 | 78.6 | 78.3 | 77.5 | 77.0 | 76.3 | 74.6 | 71.0 | 67.0 | 73.6 | | | | | | | | | | | |
| | S D | 5.022 | 6.203 | 5.387 | 4.400 | 3.183 | 2.659 | 2.459 | 2.102 | 2.213 | 3.495 | 3.622 | 5.034 | 6.103 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 359 | 465 | 4652 | | | | | | | | | | | |
| 09-11 | MEAN | 76.4 | 78.5 | 84.2 | 85.4 | 84.8 | 83.6 | 82.5 | 81.7 | 81.0 | 81.9 | 80.3 | 77.1 | 81.2 | | | | | | | | | | | |
| | S D | 5.132 | 7.129 | 5.791 | 5.513 | 4.227 | 3.360 | 3.309 | 3.078 | 3.436 | 3.869 | 3.970 | 5.683 | 5.682 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 465 | 4653 | | | | | | | | | | | |
| 12-14 | MEAN | 84.5 | 86.6 | 91.7 | 91.4 | 89.2 | 87.8 | 86.3 | 85.7 | 84.5 | 86.0 | 85.6 | 84.1 | 86.8 | | | | | | | | | | | |
| | S D | 5.135 | 5.945 | 4.923 | 5.331 | 4.792 | 3.109 | 3.581 | 3.290 | 3.911 | 3.927 | 3.500 | 4.880 | 5.121 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 465 | 4653 | | | | | | | | | | | |
| 15-17 | MEAN | 85.9 | 88.5 | 93.7 | 91.8 | 88.9 | 87.9 | 86.5 | 86.3 | 84.5 | 85.6 | 85.0 | 84.4 | 87.3 | | | | | | | | | | | |
| | S D | 5.284 | 5.607 | 4.793 | 5.931 | 5.611 | 3.896 | 4.053 | 3.404 | 4.131 | 4.146 | 3.996 | 5.043 | 5.492 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 465 | 4653 | | | | | | | | | | | |
| 18-20 | MEAN | 79.2 | 82.5 | 87.7 | 86.4 | 84.5 | 84.1 | 82.6 | 82.0 | 81.0 | 80.7 | 79.2 | 77.7 | 82.1 | | | | | | | | | | | |
| | S D | 5.902 | 6.024 | 5.350 | 5.679 | 5.027 | 3.879 | 4.070 | 3.297 | 3.308 | 3.337 | 3.761 | 5.427 | 5.570 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 422 | 372 | 359 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 465 | 4650 | | | | | | | | | | | |
| 21-23 | MEAN | 72.8 | 75.4 | 81.1 | 81.6 | 80.8 | 80.5 | 79.4 | 78.8 | 78.4 | 77.6 | 75.1 | 72.4 | 77.6 | | | | | | | | | | | |
| | S D | 5.214 | 5.771 | 4.915 | 4.607 | 3.703 | 3.045 | 2.805 | 2.379 | 2.368 | 2.780 | 3.586 | 5.232 | 5.189 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 465 | 4652 | | | | | | | | | | | |
| ALL HOURS | MEAN | 75.1 | 77.5 | 83.1 | 83.7 | 82.9 | 82.3 | 81.2 | 80.7 | 79.8 | 79.4 | 77.4 | 74.8 | 79.6 | | | | | | | | | | | |
| | S D | 6.775 | 9.570 | 8.710 | 7.481 | 5.932 | 4.998 | 4.706 | 4.501 | 4.453 | 5.710 | 6.744 | 8.432 | 7.975 | | | | | | | | | | | |
| | TOTAL OBS | 3720 | 3283 | 2976 | 2879 | 2976 | 2880 | 2975 | 2974 | 2880 | 2976 | 2879 | 3719 | 37217 | | | | | | | | | | | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

41017 UHON RATCHATHANI THAI/URON RTAFB 65-70

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|---------------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS. (L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL | | | | | | | | | | | |
| 00-02 | MEAN | 63.9 | 65.3 | 69.7 | 73.0 | 75.4 | 75.8 | 75.0 | 74.8 | 74.4 | 71.4 | 66.9 | 64.4 | 70.5 | | | | | | | | | | | |
| | S. D. | 4.986 | 5.741 | 4.866 | 3.575 | 1.814 | 1.843 | 1.752 | 1.738 | 2.137 | 3.825 | 3.865 | 5.185 | 5.936 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 464 | 4652 | | | | | | | | | | | |
| 03-05 | MEAN | 62.5 | 64.0 | 68.7 | 72.2 | 74.7 | 75.0 | 74.2 | 74.2 | 73.6 | 70.5 | 65.7 | 63.2 | 69.5 | | | | | | | | | | | |
| | S. D. | 4.859 | 5.780 | 4.953 | 3.747 | 1.712 | 1.675 | 1.687 | 1.661 | 2.026 | 3.798 | 3.794 | 5.168 | 6.107 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 371 | 372 | 360 | 372 | 360 | 465 | 4652 | | | | | | | | | | | |
| 06-08 | MEAN | 62.5 | 64.0 | 69.1 | 72.4 | 75.1 | 75.3 | 74.6 | 74.3 | 73.8 | 71.2 | 66.1 | 63.4 | 69.8 | | | | | | | | | | | |
| | S. D. | 4.861 | 5.783 | 4.938 | 3.852 | 1.740 | 1.750 | 1.716 | 1.670 | 1.943 | 3.833 | 3.862 | 5.140 | 6.178 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 359 | 465 | 4652 | | | | | | | | | | | |
| 09-11 | MEAN | 67.0 | 68.1 | 72.7 | 75.0 | 76.9 | 76.8 | 76.1 | 75.7 | 75.4 | 74.0 | 69.9 | 67.8 | 72.6 | | | | | | | | | | | |
| | S. D. | 5.005 | 5.640 | 4.762 | 3.873 | 1.912 | 1.888 | 1.918 | 1.702 | 1.898 | 3.815 | 3.728 | 5.122 | 5.319 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 465 | 4653 | | | | | | | | | | | |
| 12-14 | MEAN | 69.6 | 70.8 | 74.8 | 76.4 | 77.9 | 78.1 | 77.3 | 77.1 | 76.6 | 75.2 | 71.4 | 70.0 | 74.4 | | | | | | | | | | | |
| | S. D. | 4.524 | 4.799 | 4.274 | 3.757 | 2.104 | 1.930 | 2.004 | 2.011 | 1.852 | 3.548 | 3.397 | 4.663 | 4.734 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 465 | 4653 | | | | | | | | | | | |
| 15-17 | MEAN | 69.5 | 70.8 | 74.5 | 76.1 | 77.6 | 77.9 | 77.3 | 77.2 | 76.4 | 74.7 | 70.8 | 69.7 | 74.1 | | | | | | | | | | | |
| | S. D. | 4.530 | 4.583 | 4.337 | 3.913 | 2.261 | 2.021 | 2.031 | 2.009 | 1.980 | 3.432 | 3.182 | 4.677 | 4.741 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 465 | 4653 | | | | | | | | | | | |
| 18-20 | MEAN | 67.7 | 69.3 | 73.0 | 75.1 | 77.0 | 77.4 | 76.7 | 76.4 | 75.8 | 73.8 | 69.5 | 67.8 | 73.0 | | | | | | | | | | | |
| | S. D. | 4.748 | 4.985 | 4.358 | 3.747 | 2.131 | 1.909 | 2.053 | 1.929 | 2.020 | 3.446 | 3.539 | 4.996 | 5.163 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 422 | 372 | 359 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 465 | 4650 | | | | | | | | | | | |
| 21-23 | MEAN | 65.4 | 67.1 | 71.3 | 74.0 | 75.9 | 76.3 | 75.7 | 75.3 | 74.9 | 72.5 | 67.8 | 65.7 | 71.5 | | | | | | | | | | | |
| | S. D. | 4.904 | 5.503 | 4.462 | 3.557 | 1.996 | 1.964 | 1.938 | 1.837 | 2.186 | 3.573 | 3.843 | 5.192 | 5.608 | | | | | | | | | | | |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 465 | 4652 | | | | | | | | | | | |
| ALL HOURS | MEAN | 66.0 | 67.4 | 71.7 | 74.3 | 76.3 | 76.6 | 75.8 | 75.6 | 75.1 | 72.9 | 68.5 | 66.5 | 71.9 | | | | | | | | | | | |
| | S. D. | 5.503 | 5.976 | 5.133 | 4.051 | 2.264 | 2.163 | 2.202 | 2.139 | 2.261 | 4.013 | 4.189 | 5.623 | 5.779 | | | | | | | | | | | |
| | TOTAL OBS | 3720 | 3383 | 2976 | 2879 | 2976 | 2880 | 2975 | 2974 | 2880 | 2976 | 2879 | 3719 | 37217 | | | | | | | | | | | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/1AC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

41017 UHON RATCHATHANI THAI/UBON RTAFB 65-70

STATION

STATION NAME

YEARS

| HRS. (L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 00-02 | MEAN | 60.7 | 61.7 | 65.2 | 70.3 | 74.0 | 74.5 | 73.7 | 73.2 | 73.2 | 69.6 | 63.8 | 61.5 | 68.1 |
| | S.D. | 5.529 | 6.447 | 5.788 | 4.544 | 1.803 | 2.074 | 1.843 | 1.979 | 2.523 | 4.605 | 5.111 | 5.780 | 6.971 |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 464 | 4652 |
| 03-05 | MEAN | 60.0 | 61.3 | 65.7 | 70.0 | 73.6 | 73.9 | 73.1 | 73.2 | 72.7 | 69.0 | 63.1 | 61.1 | 67.7 |
| | S.D. | 5.478 | 5.374 | 5.669 | 4.577 | 1.743 | 1.834 | 1.840 | 1.879 | 2.239 | 4.433 | 5.029 | 5.788 | 6.945 |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 371 | 372 | 360 | 372 | 360 | 465 | 4652 |
| 06-08 | MEAN | 60.2 | 61.3 | 66.2 | 70.1 | 73.7 | 74.1 | 73.3 | 73.3 | 72.7 | 69.5 | 63.4 | 61.2 | 67.8 |
| | S.D. | 5.430 | 6.313 | 5.542 | 4.405 | 1.596 | 1.910 | 1.730 | 1.875 | 2.134 | 4.432 | 4.995 | 5.743 | 6.898 |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 359 | 465 | 4652 |
| 09-11 | MEAN | 61.5 | 62.5 | 67.2 | 70.4 | 73.7 | 74.1 | 73.5 | 73.3 | 73.1 | 70.5 | 64.6 | 62.7 | 68.5 |
| | S.D. | 5.605 | 6.329 | 5.576 | 4.628 | 2.047 | 2.167 | 1.834 | 1.954 | 2.177 | 4.752 | 5.132 | 6.072 | 6.601 |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 465 | 4653 |
| 12-14 | MEAN | 61.6 | 62.5 | 66.9 | 70.0 | 73.6 | 74.3 | 73.7 | 73.8 | 73.5 | 70.6 | 64.4 | 62.6 | 68.6 |
| | S.D. | 5.607 | 6.103 | 5.698 | 4.972 | 2.690 | 2.547 | 2.165 | 2.377 | 2.253 | 4.703 | 5.108 | 6.017 | 6.720 |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 465 | 4653 |
| 15-17 | MEAN | 61.5 | 61.4 | 65.4 | 69.1 | 73.1 | 73.8 | 73.6 | 73.6 | 73.1 | 70.0 | 63.6 | 61.9 | 67.9 |
| | S.D. | 5.646 | 6.246 | 6.215 | 5.692 | 2.872 | 2.537 | 2.188 | 2.312 | 2.402 | 4.614 | 4.970 | 6.168 | 7.035 |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 372 | 360 | 372 | 360 | 465 | 4653 |
| 18-20 | MEAN | 61.3 | 62.1 | 65.9 | 70.1 | 74.0 | 74.7 | 74.3 | 74.2 | 73.8 | 70.8 | 64.4 | 62.4 | 68.6 |
| | S.D. | 5.533 | 6.409 | 6.007 | 5.332 | 2.406 | 2.342 | 2.103 | 2.076 | 2.304 | 4.432 | 5.079 | 6.028 | 7.007 |
| | TOTAL OBS | 465 | 422 | 372 | 359 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 465 | 4650 |
| 21-23 | MEAN | 61.0 | 62.3 | 66.3 | 70.4 | 74.0 | 74.7 | 74.2 | 73.9 | 73.5 | 70.3 | 63.7 | 61.7 | 68.4 |
| | S.D. | 5.594 | 6.552 | 5.568 | 4.669 | 2.120 | 2.139 | 2.062 | 2.023 | 2.559 | 4.499 | 5.279 | 5.975 | 6.988 |
| | TOTAL OBS | 465 | 423 | 372 | 360 | 372 | 360 | 372 | 371 | 360 | 372 | 360 | 465 | 4652 |
| ALL HOURS | MEAN | 60.8 | 61.9 | 66.2 | 70.1 | 73.7 | 74.3 | 73.7 | 73.6 | 73.2 | 70.0 | 63.9 | 61.9 | 68.2 |
| | S.D. | 5.576 | 6.360 | 5.784 | 4.880 | 2.219 | 2.231 | 2.012 | 2.091 | 2.333 | 4.595 | 5.107 | 5.971 | 6.906 |
| | TOTAL OBS | 3720 | 3383 | 2976 | 2879 | 2976 | 2880 | 2975 | 2974 | 2880 | 2976 | 2879 | 3719 | 37217 |

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

41017 UBON RATCHATHANI THAI/UBON RTAFB
STATION STATION NAME

65-70

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 99.6 | 93.1 | 73.6 | 56.6 | 37.1 | 16.7 | .8 | 63.2 | 3720 |
| FEB | | 100.0 | 100.0 | 98.7 | 86.9 | 69.2 | 53.1 | 33.1 | 13.6 | 1.2 | 61.1 | 3383 |
| MAR | | 100.0 | 100.0 | 98.1 | 85.4 | 67.1 | 47.0 | 26.0 | 9.4 | 1.0 | 59.0 | 2976 |
| APR | | 100.0 | 99.9 | 98.8 | 93.8 | 79.7 | 61.6 | 41.1 | 22.3 | 4.2 | 65.9 | 2879 |
| MAY | | 100.0 | 100.0 | 100.0 | 99.9 | 93.8 | 81.6 | 63.2 | 42.3 | 14.5 | 75.2 | 2976 |
| JUN | | 100.0 | 100.0 | 100.0 | 100.0 | 98.3 | 88.4 | 68.5 | 45.5 | 17.2 | 77.7 | 2880 |
| JUL | | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 92.2 | 72.2 | 49.6 | 14.9 | 78.8 | 2975 |
| AUG | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.2 | 74.1 | 52.6 | 16.6 | 79.7 | 2974 |
| SEP | | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 94.3 | 79.2 | 58.3 | 19.4 | 80.9 | 2880 |
| OCT | | 100.0 | 100.0 | 100.0 | 99.8 | 96.4 | 82.2 | 61.3 | 36.7 | 7.8 | 74.1 | 2976 |
| NOV | | 100.0 | 100.0 | 99.9 | 94.9 | 81.1 | 59.6 | 39.1 | 17.9 | 2.4 | 64.9 | 2879 |
| DEC | | 100.0 | 100.0 | 99.9 | 95.9 | 81.0 | 61.6 | 42.0 | 21.1 | 2.6 | 65.9 | 3719 |
| TOTALS | | 100.0 | 100.0 | 99.6 | 93.8 | 86.6 | 72.7 | 53.1 | 32.2 | 8.6 | 70.5 | 37217 |

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

41017 UBON RATCHATHANI THAI/UBON RTAFB
STATION STATION NAME

66-70

PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 74.2 | 16.3 | .2 | 74.3 | 465 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 91.0 | 52.7 | 1.7 | 79.9 | 465 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 90.1 | 59.4 | 4.1 | 80.8 | 465 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 87.1 | 46.7 | 12.3 | .4 | | 60.2 | 465 |
| | 12-14 | 100.0 | 100.0 | 99.6 | 83.4 | 23.7 | .6 | | | | 46.4 | 465 |
| | 15-17 | 100.0 | 100.0 | 97.6 | 65.8 | 8.2 | .6 | | | | 42.7 | 465 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 95.9 | 69.7 | 21.7 | 3.4 | .4 | | 54.8 | 465 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 84.9 | 25.6 | 4.3 | | 66.8 | 465 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.6 | 93.1 | 73.6 | 56.6 | 37.1 | 16.7 | .8 | 63.2 | 3720 |

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

FEA
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|-----|------------------------------|-------------------------|
| | | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | | |
| FEB | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.0 | 53.9 | 18.2 | .9 | 72.1 | 423 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 84.6 | 38.1 | 3.1 | 77.8 | 423 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 81.6 | 41.8 | 4.7 | 78.0 | 423 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.6 | 80.1 | 38.3 | 11.8 | 4.0 | .7 | 58.7 | 423 |
| | 12-14 | 100.0 | 100.0 | 98.1 | 69.5 | 20.3 | 6.1 | 1.7 | .7 | | 45.3 | 423 |
| | 15-17 | 100.0 | 100.0 | 92.4 | 43.0 | 12.8 | 4.7 | 1.4 | | | 41.1 | 423 |
| | 18-20 | 100.0 | 100.0 | 99.1 | 84.1 | 44.5 | 18.5 | 5.5 | .2 | | 51.2 | 422 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 95.5 | 62.2 | 23.9 | 5.4 | .2 | 64.2 | 423 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.7 | 86.9 | 69.2 | 53.1 | 33.1 | 13.6 | 1.2 | 61.1 | 3383 |

2

MAR
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 100.0 | 100.0 | 99.5 | 98.1 | 79.8 | 38.4 | 13.7 | 1.3 | 68.8 | 372 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 95.2 | 69.4 | 26.6 | 3.0 | 74.8 | 372 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 95.2 | 66.9 | 27.4 | 3.0 | 74.8 | 372 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.9 | 75.8 | 29.8 | 8.6 | 1.6 | .5 | 57.4 | 372 |
| | 12-14 | 100.0 | 100.0 | 98.4 | 66.4 | 20.7 | 5.1 | .8 | | | 44.9 | 372 |
| | 15-17 | 100.0 | 100.0 | 89.2 | 41.7 | 14.2 | 3.0 | 1.3 | .5 | .3 | 40.3 | 372 |
| | 18-20 | 100.0 | 100.0 | 97.3 | 78.0 | 41.7 | 18.3 | 4.3 | 1.3 | | 49.7 | 372 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.9 | 87.1 | 49.7 | 18.5 | 3.8 | | 61.6 | 372 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.1 | 85.4 | 67.1 | 47.0 | 26.0 | 9.4 | 1.0 | 59.0 | 2976 |

RELATIVE HUMIDITY

APR
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 97.2 | 90.3 | 69.4 | 40.0 | 6.7 | 75.8 | 360 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 84.4 | 55.8 | 13.3 | 80.5 | 360 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.7 | 77.8 | 42.5 | 7.5 | 78.3 | 360 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 97.2 | 85.8 | 52.2 | 17.2 | 5.3 | .8 | 61.8 | 360 |
| | 12-14 | 100.0 | 100.0 | 98.3 | 86.7 | 46.1 | 16.1 | 3.3 | 1.1 | .3 | 50.8 | 360 |
| | 15-17 | 100.0 | 99.4 | 94.7 | 76.4 | 39.4 | 19.2 | 6.4 | 2.5 | | 49.2 | 360 |
| | 18-20 | 100.0 | 100.0 | 97.8 | 91.4 | 74.4 | 46.0 | 24.0 | 7.8 | 1.1 | 60.2 | 359 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.3 | 93.1 | 77.2 | 46.1 | 23.1 | 3.6 | 70.2 | 360 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.8 | 93.8 | 79.7 | 61.6 | 41.1 | 22.3 | 4.2 | 65.9 | 2879 |

RELATIVE HUMIDITY

DAY

MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.2 | 66.7 | 22.8 | 64.3 | 372 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 89.0 | 35.8 | 87.9 | 372 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.4 | 71.2 | 22.8 | 85.1 | 372 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 96.7 | 81.5 | 39.5 | 17.2 | 4.3 | 70.0 | 372 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.7 | 79.3 | 45.7 | 18.8 | 7.8 | 1.3 | 61.1 | 372 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.2 | 76.3 | 45.4 | 22.3 | 11.8 | 2.7 | 61.1 | 372 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 95.7 | 81.2 | 53.0 | 27.4 | 9.1 | 71.9 | 372 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 81.7 | 47.3 | 17.5 | 80.3 | 372 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 93.8 | 81.6 | 63.2 | 42.3 | 14.5 | 75.2 | 2976 |

RELATIVE HUMIDITY

JUN
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.8 | 78.6 | 32.2 | 86.5 | 360 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 87.2 | 42.5 | 88.7 | 360 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.9 | 80.6 | 34.4 | 87.1 | 360 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 94.4 | 56.1 | 18.6 | 4.2 | 73.5 | 360 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 95.6 | 67.5 | 23.9 | 3.9 | | 64.8 | 360 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 91.9 | 56.9 | 19.2 | 8.3 | 2.5 | 63.7 | 360 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 88.6 | 59.2 | 29.2 | 6.7 | 74.3 | 360 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 92.8 | 57.8 | 15.3 | 82.7 | 360 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 98.3 | 88.4 | 68.5 | 45.5 | 17.2 | 77.7 | 2880 |

RELATIVE HUMIDITY

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|-------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 82.0 | 26.9 | 86.7 | 372 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 92.7 | 35.8 | 88.7 | 371 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 83.6 | 27.7 | 87.0 | 372 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 61.3 | 18.8 | 1.9 | 74.4 | 372 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 74.7 | 25.0 | 7.5 | .3 | 66.7 | 372 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 97.8 | 69.1 | 24.5 | 9.9 | 1.3 | 66.2 | 372 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.6 | 69.4 | 37.9 | 7.0 | 76.7 | 372 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 | 64.5 | 18.0 | 84.2 | 372 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 92.2 | 72.2 | 49.6 | 14.9 | 78.6 | 2975 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

41017 UBDN RATCHATHANI THAI/UBDN RTAFB
STATION

66-69

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|-------|-------|-------|-------|-------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 87.1 | 26.1 | 87.2 | 372 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.2 | 40.6 | 89.5 | 372 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 87.6 | 35.5 | 88.2 | 372 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 66.9 | 27.2 | 4.8 | 76.0 | 372 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 82.8 | 27.2 | 8.3 | 1.3 | 68.0 | 372 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 73.9 | 24.2 | 6.5 | 1.3 | 66.3 | 372 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 | 77.1 | 36.9 | 5.7 | 77.6 | 371 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 | 71.7 | 17.3 | 85.0 | 371 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.2 | 74.1 | 52.6 | 16.6 | 79.7 | 2974 |

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

SEP
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|-------|------|------|------------------------------|-------------------------|
| | | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 89.7 | 32.8 | 88.1 | 360 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.5 | 40.6 | 89.9 | 360 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 91.9 | 33.6 | 88.6 | 360 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.7 | 74.4 | 31.7 | 10.8 | 77.3 | 360 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 84.2 | 41.9 | 16.7 | 5.8 | 70.2 | 360 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 76.7 | 40.6 | 16.7 | 3.6 | 69.5 | 360 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.5 | 80.6 | 48.1 | 6.9 | 79.0 | 360 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.1 | 74.2 | 21.1 | 84.9 | 360 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 94.3 | 79.2 | 58.3 | 19.4 | 80.9 | 2880 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

41017 UHON RATCHATHANI THAI/UHON RTAFB
STATION STATION NAME

66-69

PERIOD

CT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-----------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 95.7 | 60.5 | 11.3 | 82.2 | 372 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 74.8 | 19.9 | 85.3 | 377 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.7 | 71.2 | 18.0 | 84.1 | 372 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 80.4 | 41.9 | 10.5 | 1.3 | 69.1 | 372 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.5 | 87.1 | 47.0 | 10.5 | 4.6 | .8 | 60.8 | 372 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.2 | 86.0 | 41.4 | 15.3 | 5.4 | .5 | 60.4 | 372 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 89.0 | 52.4 | 19.9 | 4.3 | 72.4 | 372 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.1 | 42.5 | 6.5 | 78.4 | 372 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.8 | 96.4 | 82.2 | 61.3 | 36.7 | 7.8 | 74.1 | 2976 |

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

41017 DBUN MATCHATHANI THAI/USCN RTAFB
STATION

66-60

PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|--------------|--|-------|-------|-------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| NOV | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 96.7 | 89.7 | 76.1 | 31.4 | 3.6 | 74.9 | 360 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 93.9 | 81.7 | 50.6 | 6.1 | 78.6 | 360 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 92.2 | 75.2 | 45.7 | 7.8 | 77.3 | 359 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 96.9 | 82.8 | 47.8 | 12.5 | 1.1 | | 59.3 | 360 |
| | 12-14 | 100.0 | 100.0 | 99.7 | 83.1 | 30.0 | 6.4 | 1.1 | .1 | | 49.7 | 360 |
| | 15-17 | 100.0 | 100.0 | 99.4 | 81.9 | 49.8 | 6.9 | 3.9 | 1.9 | .3 | 49.7 | 360 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 96.9 | 83.3 | 55.6 | 15.0 | 4.2 | .6 | 61.4 | 360 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 91.7 | 81.9 | 46.9 | 7.8 | .6 | 68.4 | 360 |
| TOTALS | | 100.0 | 100.0 | 99.9 | 94.9 | 81.1 | 59.6 | 39.1 | 17.9 | 2.4 | 64.9 | 2879 |

RELATIVE HUMIDITY

DEC
MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|-------|-------|-------|-------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30 | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 81.5 | 30.0 | 1.5 | 76.7 | 464 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.3 | 63.7 | 8.6 | 82.1 | 465 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 92.7 | 60.4 | 8.2 | 81.6 | 465 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 91.6 | 50.3 | 14.0 | 1.5 | .2 | 61.6 | 465 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 89.9 | 38.7 | 3.9 | | | | 48.9 | 465 |
| | 15-17 | 100.0 | 100.0 | 99.4 | 78.3 | 31.0 | 4.3 | 1.7 | .4 | | 47.4 | 465 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.1 | 87.1 | 44.1 | 8.6 | 3.0 | .6 | 59.7 | 465 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 90.8 | 40.9 | 9.7 | 1.3 | 69.4 | 465 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 95.9 | 81.0 | 61.6 | 42.0 | 21.1 | 2.6 | 65.9 | 3719 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

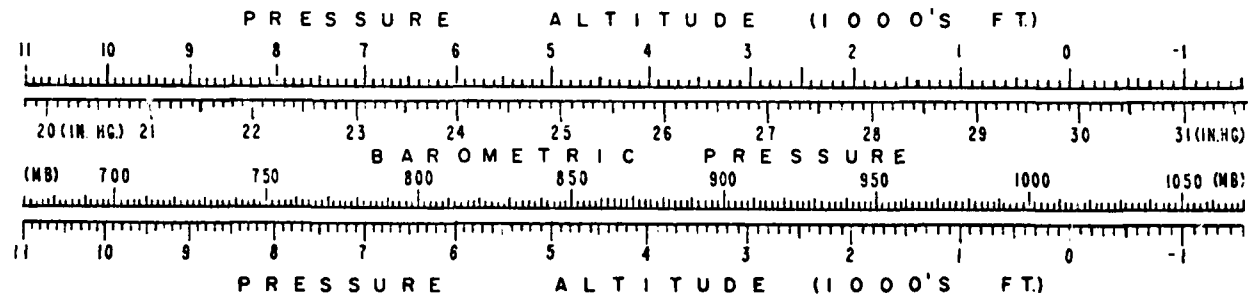
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

41017 JOHN RATCHAPPAH TIAI/USAF ETAC 65-70

| STATION | STATION NAME | YEARS |
|-----------|--------------|---|
| HRS | LS | |
| | | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL |
| 01 | MEAN | 29.44829.45129.37129.36129.31129.30729.28629.30529.33729.42729.46929.491 29.188 |
| | S.D. | .082 .089 .092 .084 .041 .052 .047 .062 .062 .048 .064 .082 .102 |
| | TOTAL OBS | 155 141 124 124 124 124 124 124 120 124 120 155 1551 |
| 04 | MEAN | 29.46929.43529.35629.34729.29329.28929.26829.28229.31229.40229.45129.470 29.370 |
| | S.D. | .080 .088 .090 .087 .041 .052 .049 .063 .068 .048 .065 .083 .102 |
| | TOTAL OBS | 155 141 124 124 124 124 124 124 120 124 120 154 1550 |
| 07 | MEAN | 29.51329.49029.42029.41029.34129.32529.29729.31429.34929.44629.49629.512 29.414 |
| | S.D. | .078 .084 .086 .086 .044 .054 .051 .059 .068 .047 .064 .082 .104 |
| | TOTAL OBS | 155 141 124 124 124 124 124 124 120 124 119 155 1550 |
| 11 | MEAN | 29.55529.53829.46129.44729.36829.34429.31929.34029.38129.47829.52729.548 29.440 |
| | S.D. | .073 .081 .085 .085 .044 .054 .049 .062 .066 .046 .062 .082 .109 |
| | TOTAL OBS | 155 141 124 124 124 124 124 124 120 124 120 155 1551 |
| 11 | MEAN | 29.47029.45129.37429.37229.30129.28929.27029.28829.31629.40129.44329.461 29.375 |
| | S.D. | .071 .081 .084 .087 .044 .054 .048 .061 .064 .047 .060 .080 .098 |
| | TOTAL OBS | 155 141 124 124 124 124 124 124 120 124 120 155 1551 |
| 10 | MEAN | 29.41129.37329.29029.28729.22629.21929.20329.22129.23629.34629.39829.415 29.309 |
| | S.D. | .075 .081 .087 .089 .042 .056 .049 .061 .064 .048 .062 .082 .103 |
| | TOTAL OBS | 155 141 124 124 124 119 124 124 120 124 120 155 1550 |
| 10 | MEAN | 29.45229.40629.31829.32229.26929.25529.23529.25329.29629.39129.44829.463 29.348 |
| | S.D. | .082 .084 .088 .070 .044 .055 .050 .060 .063 .046 .062 .086 .108 |
| | TOTAL OBS | 155 141 124 124 124 124 124 124 120 124 120 155 1551 |
| 27 | MEAN | 29.49529.46029.37829.38329.33529.32029.29929.32429.38129.44329.49129.505 29.404 |
| | S.D. | .082 .087 .090 .089 .045 .052 .048 .060 .062 .044 .064 .086 .100 |
| | TOTAL OBS | 155 141 124 124 124 124 124 123 120 124 120 155 1550 |
| ALL HOURS | MEAN | 29.46229.45129.37129.36629.30629.29429.27229.29129.32629.41629.46529.483 29.382 |
| | S.D. | .087 .096 .101 .082 .060 .066 .060 .071 .074 .060 .073 .091 .111 |
| | TOTAL OBS | 1240 1120 992 960 992 999 992 991 960 992 959 1239 12404 |

USAF ETAC 089.5 (OL)

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

41017 UDON RATCHATHANI THAI/UDON RTAFB 65-67

STATION

STATION NAME

YEARS

| HRS (LST) | | JAN. | FEB. | MAR. | APR. | MAY | JUN | JUL | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|-----------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 01 | MEAN | 1014.2 | 1011.6 | 1009.0 | 1008.2 | 1007.0 | 1006.7 | 1006.1 | 1006.4 | 1008.2 | 1010.5 | 1011.6 | 1013.0 | 1009.5 |
| | S.D. | 2.539 | 2.839 | 3.181 | 2.240 | 1.328 | 2.422 | 1.730 | 1.696 | 2.197 | 1.641 | 1.825 | 2.976 | 3.532 |
| | TOTAL OBS | 62 | 56 | 62 | 60 | 62 | 60 | 62 | 62 | 60 | 62 | 60 | 93 | 761 |
| 04 | MEAN | 1013.4 | 1011.1 | 1006.5 | 1007.5 | 1006.2 | 1006.2 | 1005.4 | 1005.5 | 1007.4 | 1009.6 | 1010.9 | 1012.2 | 1008.6 |
| | S.D. | 2.487 | 2.832 | 3.097 | 2.148 | 1.429 | 2.419 | 1.717 | 1.677 | 2.368 | 1.717 | 1.800 | 2.993 | 3.528 |
| | TOTAL OBS | 62 | 56 | 62 | 60 | 62 | 60 | 62 | 62 | 60 | 62 | 60 | 93 | 761 |
| 07 | MEAN | 1014.9 | 1013.0 | 1010.7 | 1009.9 | 1007.9 | 1007.3 | 1006.5 | 1006.7 | 1008.7 | 1011.4 | 1012.5 | 1013.7 | 1010.4 |
| | S.D. | 2.444 | 2.716 | 3.001 | 1.989 | 1.394 | 2.501 | 1.789 | 1.588 | 2.381 | 1.689 | 1.778 | 2.989 | 3.586 |
| | TOTAL OBS | 62 | 56 | 62 | 60 | 62 | 60 | 62 | 62 | 60 | 62 | 60 | 93 | 761 |
| 10 | MEAN | 1016.3 | 1014.5 | 1012.1 | 1011.2 | 1008.8 | 1007.9 | 1007.2 | 1007.5 | 1009.8 | 1012.5 | 1013.5 | 1014.9 | 1011.5 |
| | S.D. | 2.205 | 2.526 | 2.932 | 1.939 | 1.499 | 2.439 | 1.749 | 1.752 | 2.368 | 1.643 | 1.691 | 2.998 | 3.741 |
| | TOTAL OBS | 62 | 56 | 62 | 60 | 62 | 60 | 62 | 61 | 60 | 62 | 60 | 93 | 760 |
| 13 | MEAN | 1013.4 | 1011.4 | 1009.2 | 1008.4 | 1006.5 | 1006.0 | 1005.4 | 1005.7 | 1007.5 | 1009.7 | 1010.7 | 1012.0 | 1008.9 |
| | S.D. | 2.227 | 2.425 | 2.914 | 2.053 | 1.396 | 2.554 | 1.764 | 1.724 | 2.281 | 1.606 | 1.693 | 2.862 | 3.400 |
| | TOTAL OBS | 62 | 56 | 62 | 60 | 62 | 60 | 62 | 62 | 60 | 62 | 60 | 93 | 761 |
| 16 | MEAN | 1011.3 | 1008.9 | 1006.2 | 1005.6 | 1003.9 | 1003.8 | 1003.1 | 1003.5 | 1005.5 | 1008.0 | 1009.1 | 1010.3 | 1006.7 |
| | S.D. | 2.382 | 2.466 | 2.940 | 1.930 | 1.273 | 2.559 | 1.836 | 1.726 | 2.273 | 1.689 | 1.789 | 2.989 | 3.566 |
| | TOTAL OBS | 62 | 56 | 62 | 60 | 62 | 60 | 62 | 62 | 60 | 62 | 60 | 93 | 761 |
| 19 | MEAN | 1012.9 | 1010.1 | 1007.1 | 1006.9 | 1005.5 | 1004.9 | 1004.2 | 1004.7 | 1006.9 | 1009.4 | 1011.0 | 1012.0 | 1008.1 |
| | S.D. | 2.718 | 2.660 | 3.052 | 2.220 | 1.372 | 2.360 | 1.905 | 1.816 | 2.187 | 1.578 | 1.707 | 3.132 | 3.747 |
| | TOTAL OBS | 62 | 56 | 62 | 60 | 62 | 60 | 62 | 62 | 60 | 62 | 60 | 93 | 761 |
| 22 | MEAN | 1014.5 | 1011.9 | 1009.2 | 1008.9 | 1007.7 | 1007.1 | 1006.5 | 1007.2 | 1009.1 | 1011.2 | 1012.4 | 1013.5 | 1010.1 |
| | S.D. | 2.534 | 2.781 | 3.137 | 2.233 | 1.415 | 2.321 | 1.919 | 1.833 | 2.173 | 1.464 | 1.773 | 3.067 | 3.490 |
| | TOTAL OBS | 62 | 56 | 62 | 60 | 62 | 60 | 62 | 61 | 60 | 62 | 60 | 93 | 760 |
| ALL HOURS | MEAN | 1013.9 | 1011.6 | 1009.0 | 1008.4 | 1006.7 | 1006.2 | 1005.6 | 1005.9 | 1007.9 | 1010.3 | 1011.5 | 1012.7 | 1009.3 |
| | S.D. | 2.403 | 3.083 | 3.479 | 2.639 | 1.996 | 2.746 | 2.179 | 2.128 | 2.596 | 2.077 | 2.160 | 3.259 | 3.826 |
| | TOTAL OBS | 496 | 448 | 496 | 480 | 496 | 480 | 496 | 494 | 480 | 496 | 480 | 744 | 6086 |

END

DATE
FILMED

4-81

DTIC